

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030821.D
 Acq On : 06 Jul 2021 14:55
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV017

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:11:16 PM

Quant Time: Jul 06 15:26:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	88478	20.00	ng/ul	0.00
20) Naphthalene-d8	10.551	136	377593	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.398	164	244194	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.133	188	478547	20.00	ng/ul	0.00
79) Chrysene-d12	21.309	240	408791	20.00	ng/ul	0.00
88) Perylene-d12	23.562	264	367367	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	15364	6.79	ng/uL	0.00
4) Pyridine-d5	3.675	84	99334	16.78	ng/ul	0.00
7) Phenol-d5	6.934	99	129747	16.78	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.098	67	92520	18.58	ng/ul	0.00
11) 2-Chlorophenol-d4	7.298	132	104651	17.64	ng/ul	0.00
15) 4-Methylphenol-d8	8.469	113	103228	16.66	ng/ul	0.00
21) Nitrobenzene-d5	8.922	128	49425	17.60	ng/ul	0.00
24) 2-Nitrophenol-d4	9.639	143	54719	17.81	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.169	165	107830	18.23	ng/ul	0.00
31) 4-Chloroaniline-d4	10.686	131	143875	17.13	ng/ul	0.00
46) Dimethylphthalate-d6	13.810	166	312838	18.30	ng/ul	0.00
49) Acenaphthylene-d8	14.086	160	399227	18.49	ng/ul	0.00
54) 4-Nitrophenol-d4	14.598	143	49190	16.53	ng/ul	0.00
60) Fluorene-d10	15.386	176	266214	17.68	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.515	200	47484	15.47	ng/ul	0.00
73) Anthracene-d10	17.233	188	394198	17.68	ng/ul	0.00
81) Pyrene-d10	19.521	212	405459	17.98	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.415	264	336295	17.73	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.293	88	16745	7.17	ng/uL	92
5) Pyridine	3.693	79	87825	13.61	ng/ul	97
6) Benzaldehyde	6.910	77	96389m	24.23	ng/ul	
8) Phenol	6.957	94	130643	16.49	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.192	93	106127	17.19	ng/ul	99
12) 2-Chlorophenol	7.328	128	105089	17.69	ng/ul	98
13) 2-Methylphenol	8.204	108	98064	17.02	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.286	45	175718	17.29	ng/ul	98
16) Acetophenone	8.586	105	178087	18.26	ng/ul	95
17) N-Nitroso-di-n-propyla...	8.569	70	86586	17.88	ng/ul	98
18) 4-Methylphenol	8.528	108	106762	16.89	ng/ul	95
19) Hexachloroethane	8.833	117	44281	17.71	ng/ul	97
22) Nitrobenzene	8.963	77	126117	17.47	ng/ul	97
23) Isophorone	9.486	82	219350	17.41	ng/ul	100
25) 2-Nitrophenol	9.669	139	59771	18.14	ng/ul	97
26) 2,4-Dimethylphenol	9.728	107	120089	17.58	ng/ul	100
27) Bis(2-Chloroethoxy)met...	9.963	93	141356	17.73	ng/ul	97
29) 2,4-Dichlorophenol	10.198	162	104443	18.21	ng/ul	97
30) Naphthalene	10.598	128	339084	17.86	ng/ul	99
32) 4-Chloroaniline	10.710	127	145287	17.25	ng/ul	99
33) Hexachlorobutadiene	10.880	225	71578	18.36	ng/ul	96
34) Caprolactam	11.492	113	29422	17.73	ng/ul	97
35) 4-Chloro-3-methylphenol	11.833	107	106096	18.25	ng/ul	99
36) 2-Methylnaphthalene	12.210	142	245857	18.16	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
 Data File : BM030821.D
 Acq On : 06 Jul 2021 14:55
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV017

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:11:16 PM

Quant Time: Jul 06 15:26:53 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.433	142	229280	16.71	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.586	216	140767	19.00	ng/ul	98
40) Hexachlorocyclopentadiene	12.557	237	79148	17.58	ng/ul	98
41) 2,4,6-Trichlorophenol	12.821	196	83074	17.78	ng/ul	99
42) 2,4,5-Trichlorophenol	12.898	196	87614	17.69	ng/ul	99
43) 1,1'-Biphenyl	13.227	154	331447	18.63	ng/ul	99
44) 2-Chloronaphthalene	13.268	162	248273	17.83	ng/ul	98
45) 2-Nitroaniline	13.480	65	70917	18.12	ng/ul	95
47) Dimethylphthalate	13.857	163	304325	18.17	ng/ul	99
48) 2,6-Dinitrotoluene	13.974	165	65153	20.20	ng/ul	97
50) Acenaphthylene	14.115	152	385197	19.09	ng/ul	99
51) 3-Nitroaniline	14.304	138	63949	18.97	ng/ul	98
52) Acenaphthene	14.457	153	260820	17.72	ng/ul	98
53) 2,4-Dinitrophenol	14.521	184	28848	15.01	ng/ul	95
55) 4-Nitrophenol	14.610	109	41013	16.24	ng/ul	97
56) Dibenzofuran	14.792	168	368252	17.77	ng/ul	100
57) 2,4-Dinitrotoluene	14.768	165	85227	18.95	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.021	232	78197	18.99	ng/ul#	99
59) Diethylphthalate	15.215	149	298818	17.98	ng/ul	99
61) Fluorene	15.445	166	302756	17.74	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.439	204	151972	17.69	ng/ul	99
63) 4-Nitroaniline	15.468	138	61629	19.20	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.527	198	46960	15.85	ng/ul	96
67) N-Nitrosodiphenylamine	15.651	169	255364	17.90	ng/ul	99
68) 4-Bromophenyl-phenylether	16.327	248	91153	18.09	ng/ul	98
69) Hexachlorobenzene	16.445	284	102622	17.94	ng/ul	96
70) Atrazine	16.604	200	89781	17.67	ng/ul	99
71) Pentachlorophenol	16.792	266	55430	15.95	ng/ul	96
72) Phenanthrene	17.174	178	453353	17.75	ng/ul	100
74) Anthracene	17.268	178	462382	17.62	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.192	216	132304	17.83	ng/uL	99
76) Pentachlorobenzene	14.715	250	128265	17.67	ng/uL	99
77) Carbazole	17.539	167	392325	17.20	ng/ul	99
78) Di-n-butylphthalate	18.098	149	477614	18.17	ng/ul	99
80) Fluoranthene	19.192	202	488385	17.57	ng/ul	97
82) Pyrene	19.550	202	513388	17.82	ng/ul	99
83) Butylbenzylphthalate	20.450	149	173877	17.65	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.233	252	167678	22.48	ng/ul	98
85) Benzo(a)anthracene	21.291	228	449456	17.59	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	256875	17.69	ng/ul	99
87) Chrysene	21.344	228	445895	17.73	ng/ul	99
89) Di-n-octyl phthalate	22.103	149	389267	17.06	ng/ul	100
90) Benzo(b)fluoranthene	22.880	252	425281	17.97	ng/ul	99
91) Benzo(k)fluoranthene	22.927	252	408741	17.77	ng/ul	99
93) Benzo(a)pyrene	23.462	252	400920	19.14	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.838	276	449404	17.26	ng/ul	99
95) Dibenzo(a,h)anthracene	25.844	278	378820	17.35	ng/ul	99
96) Benzo(g,h,i)perylene	26.532	276	345308	16.54	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

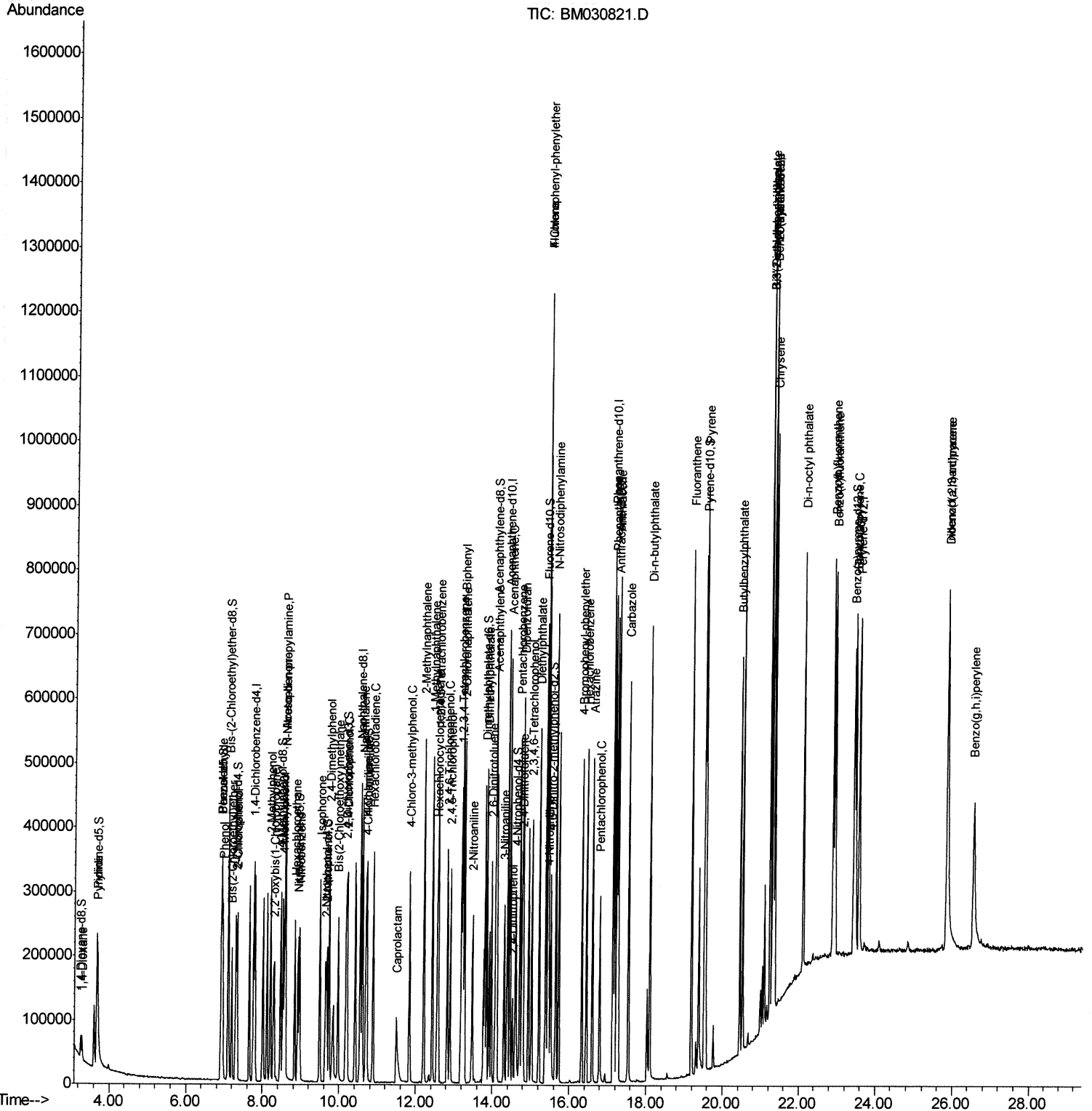
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030821.D
Acq On : 06 Jul 2021 14:55
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
SICV017

Manual Integrations
APPROVED

mohammad
7/7/2021 6:11:16 PM

Quant Time: Jul 06 15:27:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration



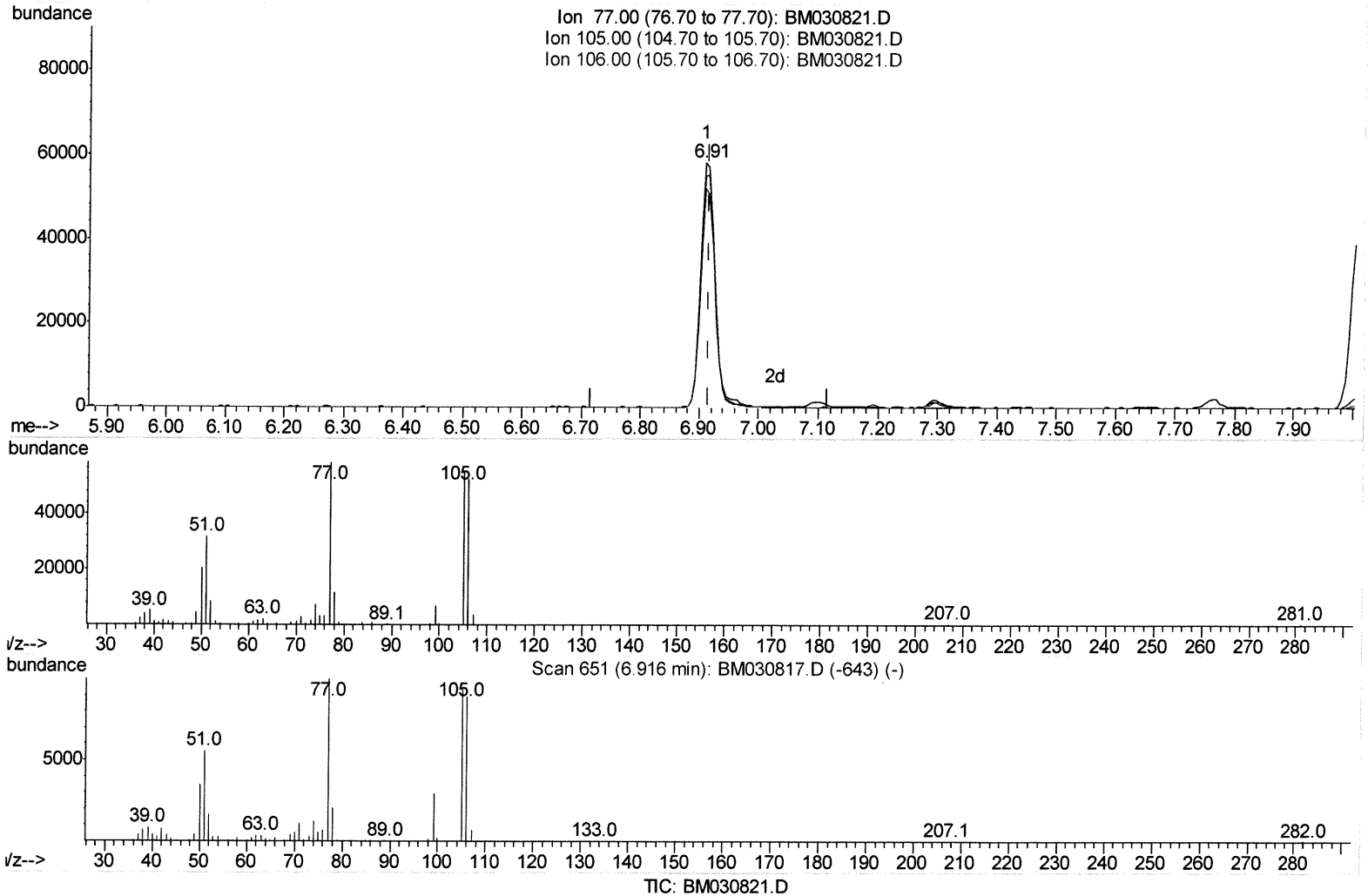
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
 Data File : BM030821.D
 Acq On : 06 Jul 2021 14:55
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV017

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:11:16 PM

Quant Time: Jul 06 15:26:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration



(6) Benzaldehyde

6.910min (-0.006) 24.88ng/ul

response 98978

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	94.69
106.00	89.20	89.51
0.00	0.00	0.00

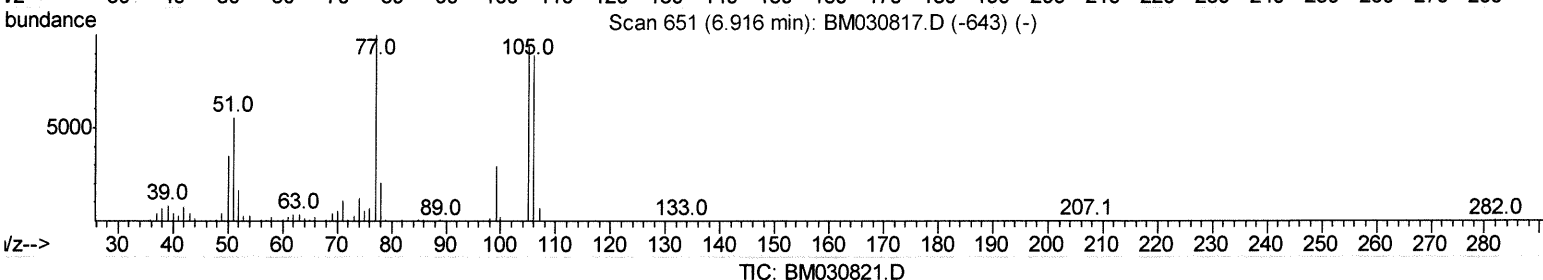
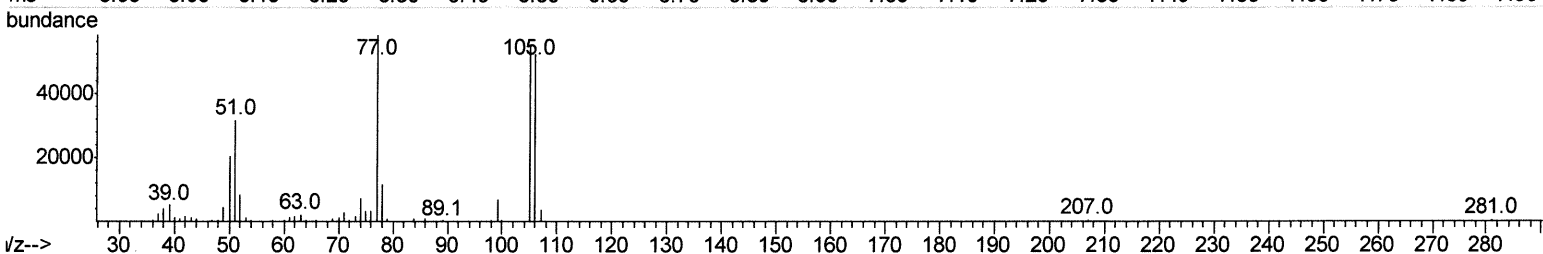
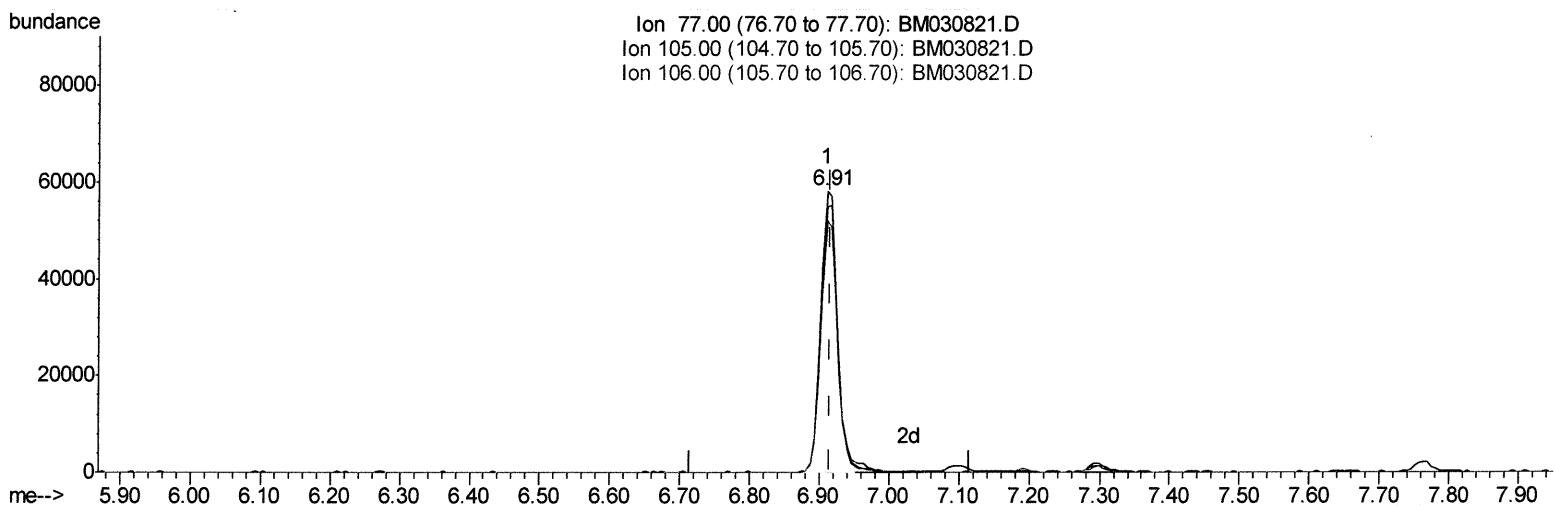
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
 Data File : BM030821.D
 Acq On : 06 Jul 2021 14:55
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV017

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:11:16 PM

Quant Time: Jul 06 15:26:35 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration



(6) Benzaldehyde

6.910min (-0.006) 24.23ng/ul m

response 96389

34 7/8/21

Ion	Exp%	Act%
77.00	100	100
105.00	94.10	94.69
106.00	89.20	89.51
0.00	0.00	0.00

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
 Data File : BM030821.D
 Acq On : 06 Jul 2021 14:55
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV017

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:11:16 PM

Quant Time: Jul 06 15:27:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	88478	20.00	ng/ul	0.00
20) Naphthalene-d8	10.55	136	377593	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.40	164	244194	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.13	188	478547	20.00	ng/ul	0.00
79) Chrysene-d12	21.31	240	408791	20.00	ng/ul	0.00
88) Perylene-d12	23.56	264	367367	20.00	ng/ul	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.26	96	15364	6.79	ng/uL	0.00
4) Pyridine-d5	3.67	84	99334	16.78	ng/ul	0.00
7) Phenol-d5	6.93	99	129747	16.78	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.10	67	92520	18.58	ng/ul	0.00
11) 2-Chlorophenol-d4	7.30	132	104651	17.64	ng/ul	0.00
15) 4-Methylphenol-d8	8.47	113	103228	16.66	ng/ul	0.00
21) Nitrobenzene-d5	8.92	128	49425	17.60	ng/ul	0.00
24) 2-Nitrophenol-d4	9.64	143	54719	17.81	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.17	165	107830	18.23	ng/ul	0.00
31) 4-Chloroaniline-d4	10.69	131	143875	17.13	ng/ul	0.00
46) Dimethylphthalate-d6	13.81	166	312838	18.30	ng/ul	0.00
49) Acenaphthylene-d8	14.09	160	399227	18.49	ng/ul	0.00
54) 4-Nitrophenol-d4	14.60	143	49190	16.53	ng/ul	0.00
60) Fluorene-d10	15.39	176	266214	17.68	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.52	200	47484	15.47	ng/ul	0.00
73) Anthracene-d10	17.23	188	394198	17.68	ng/ul	0.00
81) Pyrene-d10	19.52	212	405459	17.98	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.41	264	336295	17.73	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) 1,4-Dioxane	3.29	88	16745	7.173	ng/uL	92
5) Pyridine	3.69	79	87825	13.606	ng/ul	97
6) Benzaldehyde	6.91	77	96389m	24.230	ng/ul	97
8) Phenol	6.96	94	130643	16.487	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.19	93	106127	17.194	ng/ul	99
12) 2-Chlorophenol	7.33	128	105089	17.686	ng/ul	98
13) 2-Methylphenol	8.20	108	98064	17.023	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.29	45	175718	17.288	ng/ul	98
16) Acetophenone	8.59	105	178087	18.264	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.57	70	86586	17.877	ng/ul	98
18) 4-Methylphenol	8.53	108	106762	16.890	ng/ul	95
19) Hexachloroethane	8.83	117	44281	17.710	ng/ul	97
22) Nitrobenzene	8.96	77	126117	17.465	ng/ul	97
23) Isophorone	9.49	82	219350	17.406	ng/ul	100
25) 2-Nitrophenol	9.67	139	59771	18.143	ng/ul	97
26) 2,4-Dimethylphenol	9.73	107	120089	17.576	ng/ul	100
27) Bis(2-Chloroethoxy)methane	9.96	93	141356	17.725	ng/ul	97
29) 2,4-Dichlorophenol	10.20	162	104443	18.210	ng/ul	97
30) Naphthalene	10.60	128	339084	17.858	ng/ul	99
32) 4-Chloroaniline	10.71	127	145287	17.245	ng/ul	99
33) Hexachlorobutadiene	10.88	225	71578	18.358	ng/ul	96
34) Caprolactam	11.49	113	29422	17.733	ng/ul	97

> > Jul 21

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
 Data File : BM030821.D
 Acq On : 06 Jul 2021 14:55
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV017

Manual Integrations
 APPROVED

mohammad
 7/7/2021 6:11:16 PM

Quant Time: Jul 06 15:27:55 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jul 06 14:32:50 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.83	107	106096	18.253	ng/ul	99
36) 2-Methylnaphthalene	12.21	142	245857	18.161	ng/ul	99
37) 1-Methylnaphthalene	12.43	142	229280	16.707	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	12.59	216	140767	19.004	ng/ul	98
40) Hexachlorocyclopentadiene	12.56	237	79148	17.578	ng/ul	98
41) 2,4,6-Trichlorophenol	12.82	196	83074	17.777	ng/ul	99
42) 2,4,5-Trichlorophenol	12.90	196	87614	17.688	ng/ul	99
43) 1,1'-Biphenyl	13.23	154	331447	18.627	ng/ul	99
44) 2-Chloronaphthalene	13.27	162	248273	17.829	ng/ul	98
45) 2-Nitroaniline	13.48	65	70917	18.124	ng/ul	95
47) Dimethylphthalate	13.86	163	304325	18.170	ng/ul	99
48) 2,6-Dinitrotoluene	13.97	165	65153	20.198	ng/ul	97
50) Acenaphthylene	14.12	152	385197	19.093	ng/ul	99
51) 3-Nitroaniline	14.30	138	63949	18.975	ng/ul	98
52) Acenaphthene	14.46	153	260820	17.722	ng/ul	98
53) 2,4-Dinitrophenol	14.52	184	28848	15.008	ng/ul	95
55) 4-Nitrophenol	14.61	109	41013	16.241	ng/ul	97
56) Dibenzofuran	14.79	168	368252	17.770	ng/ul	100
57) 2,4-Dinitrotoluene	14.77	165	85227	18.951	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.02	232	78197	18.987	ng/ul#	99
59) Diethylphthalate	15.22	149	298818	17.976	ng/ul	99
61) Fluorene	15.44	166	302756	17.738	ng/ul	100
62) 4-Chlorophenyl-phenylether	15.44	204	151972	17.691	ng/ul	99
63) 4-Nitroaniline	15.47	138	61629	19.196	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.53	198	46960	15.852	ng/ul	96
67) N-Nitrosodiphenylamine	15.65	169	255364	17.900	ng/ul	99
68) 4-Bromophenyl-phenylether	16.33	248	91153	18.086	ng/ul	98
69) Hexachlorobenzene	16.44	284	102622	17.940	ng/ul	96
70) Atrazine	16.60	200	89781	17.670	ng/ul	99
71) Pentachlorophenol	16.79	266	55430	15.946	ng/ul	96
72) Phenanthrene	17.17	178	453353	17.754	ng/ul	100
74) Anthracene	17.27	178	462382	17.624	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.19	216	132304	17.833	ng/uL	99
76) Pentachlorobenzene	14.72	250	128265	17.668	ng/uL	99
77) Carbazole	17.54	167	392325	17.202	ng/ul	99
78) Di-n-butylphthalate	18.10	149	477614	18.171	ng/ul	99
80) Fluoranthene	19.19	202	488385	17.568	ng/ul	97
82) Pyrene	19.55	202	513388	17.818	ng/ul	99
83) Butylbenzylphthalate	20.45	149	173877	17.655	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.23	252	167678	22.478	ng/ul	98
85) Benzo(a)anthracene	21.29	228	449456	17.585	ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.23	149	256875	17.692	ng/ul	99
87) Chrysene	21.34	228	445895	17.731	ng/ul	99
89) Di-n-octyl phthalate	22.10	149	389267	17.062	ng/ul	100
90) Benzo(b)fluoranthene	22.88	252	425281	17.971	ng/ul	99
91) Benzo(k)fluoranthene	22.93	252	408741	17.770	ng/ul	99
93) Benzo(a)pyrene	23.46	252	400920	19.145	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.84	276	449404	17.256	ng/ul	99
95) Dibenzo(a,h)anthracene	25.84	278	378820	17.348	ng/ul	99
96) Benzo(g,h,i)perylene	26.53	276	345308	16.537	ng/ul	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070621\
Data File : BM030821.D
Acq On : 06 Jul 2021 14:55
Operator : CG/JU
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SICV017

Manual Integrations
APPROVED

mohammad
7/7/2021 6:11:16 PM

Quant Time: Jul 06 15:27:55 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 06 14:32:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev	(Min)
--------------------	------	------	----------	------	-------	-----	-------

(#) = qualifier out of range (m) = manual integration (+) = signals summed