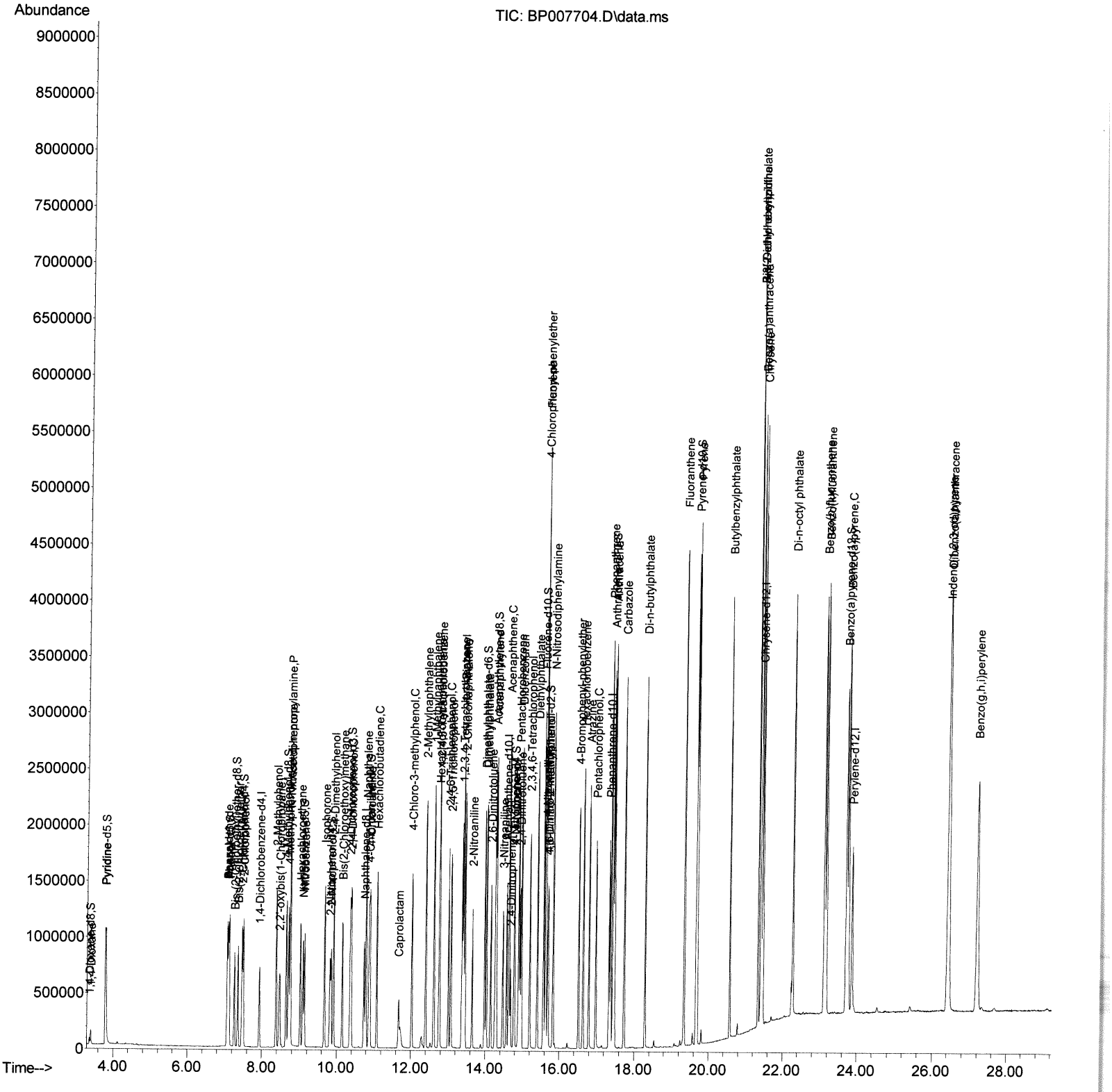
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007704.D
Acq On : 27 Oct 2021 06:21
Operator : CG/JU
Sample : PB140188BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Oct 27 06:50:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 16:57:16 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS188

Manual Integrations APPROVED
mohammad
10/27/2021 11:51:16 AM

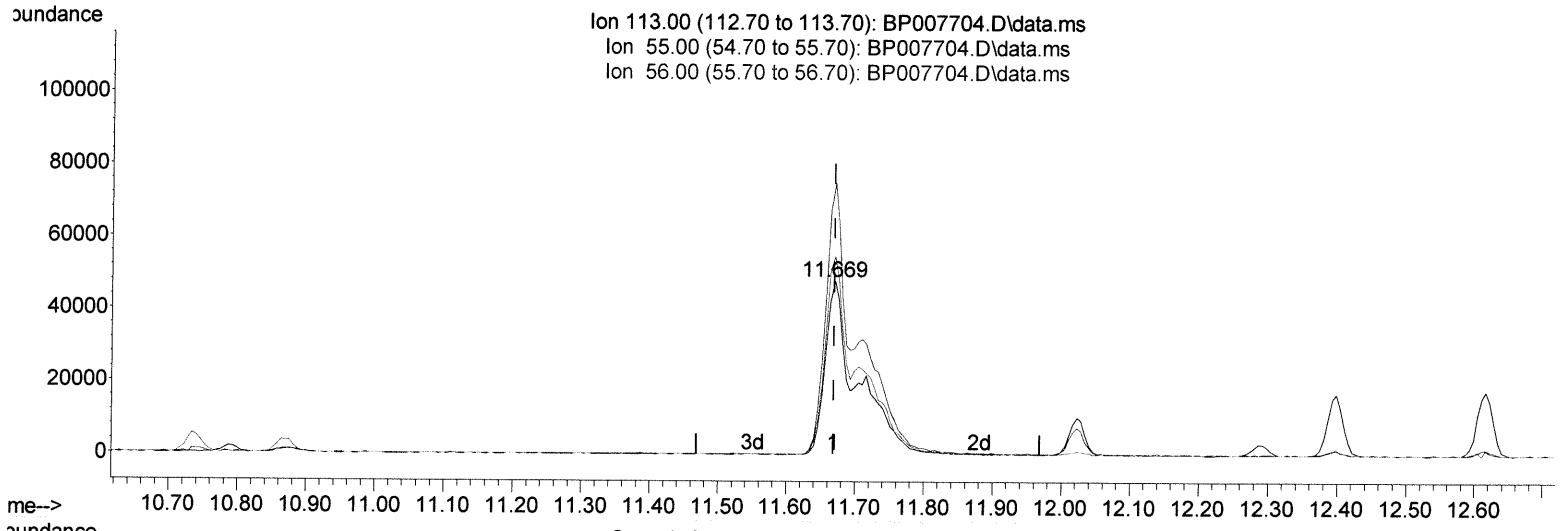


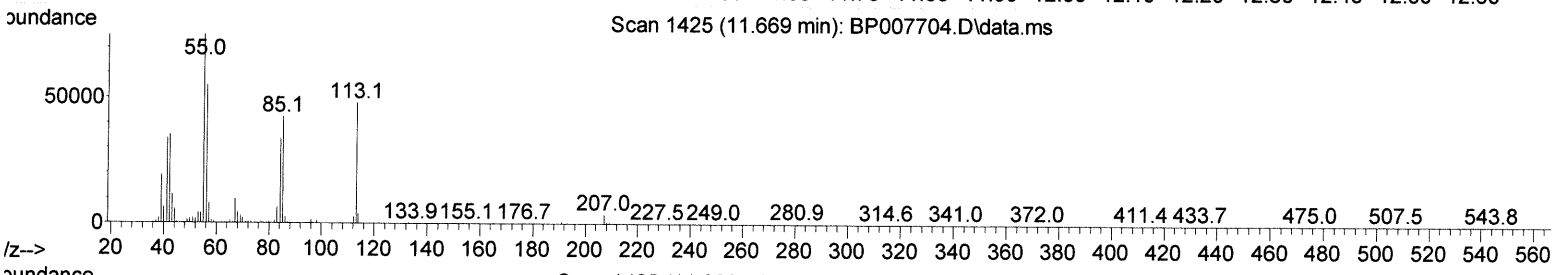
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007704.D
Acq On : 27 Oct 2021 06:21
Operator : CG/JU
Sample : PB140188BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

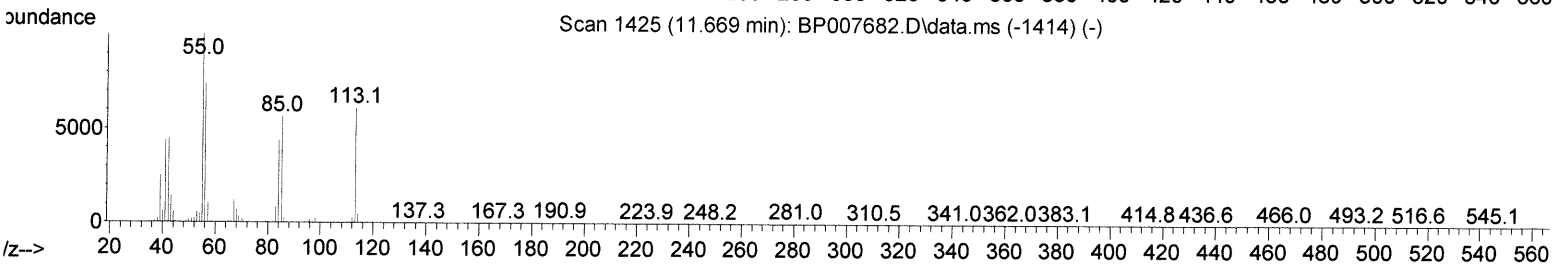
Quant Time: Oct 27 06:50:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 16:57:16 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS188

Manual Integrations APPROVED
mohammad
10/27/2021 11:51:16 AM







TIC: BP007704.D\data.ms

(34) Caprolactam

11.669min (-0.000) 23.63 ng/ul

response 91689

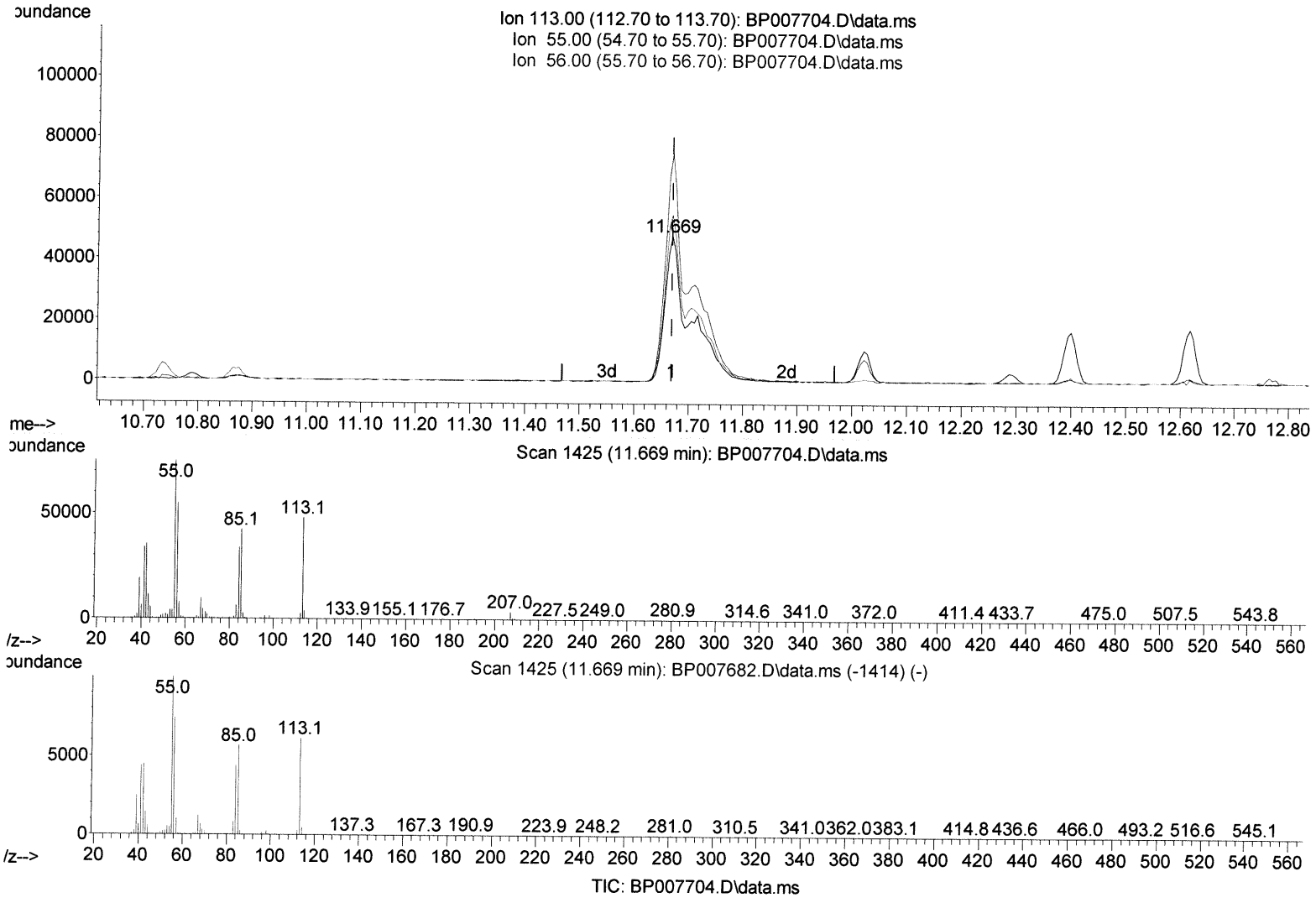
Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	156.29
56.00	120.30	114.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007704.D
Acq On : 27 Oct 2021 06:21
Operator : CG/JU
Sample : PB140188BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Oct 27 06:50:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 16:57:16 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS188

Manual Integrations APPROVED
mohammad
10/27/2021 11:51:16 AM



(34) Caprolactam

11.669min (-0.000) 40.44 ng/ul m 10/29/21 JY

response 156933

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	156.29
56.00	120.30	114.36
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007704.D
Acq On : 27 Oct 2021 06:21
Operator : CG/JU
Sample : PB140188BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SLCS188

Manual Integrations APPROVED
mohammad
10/27/2021 11:51:16 AM

Quant Time: Oct 27 06:50:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 16:57:16 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.934	152	196087	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	797363	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.569	164	512568	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.328	188	1098970	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1123595	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	1174548	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	32892	7.620	ng/uL	0.00
4) Pyridine-d5	3.781	84	497690	38.126	ng/ul	0.00
7) Phenol-d5	7.099	99	616691	41.406	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.263	67	349743	42.295	ng/ul	0.00
11) 2-Chlorophenol-d4	7.463	132	491735	42.450	ng/ul	-0.01
15) 4-Methylphenol-d8	8.646	113	490421	42.051	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	235628	43.363	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	258246	43.514	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.357	165	503397	41.672	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.869	131	621198	38.891	ng/ul	-0.01
46) Dimethylphthalate-d6	13.981	166	1464267	42.174	ng/ul	-0.01
49) Acenaphthylene-d8	14.263	160	1766789	41.518	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	269414	42.332	ng/ul	0.00
60) Fluorene-d10	15.569	176	1215266	41.519	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	232260	39.511	ng/ul	0.00
73) Anthracene-d10	17.428	188	1881222	41.654	ng/ul	0.00
81) Pyrene-d10	19.663	212	2329198	44.526	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	2367014	41.023	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	70901	14.692	ng/uL	87
5) Pyridine	3.799	79	494856	38.701	ng/ul	97
6) Benzaldehyde	7.069	77	373210	52.123	ng/ul	96
8) Phenol	7.128	94	632684	42.044	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.358	93	500948	42.226	ng/ul	97
12) 2-Chlorophenol	7.499	128	507098	43.181	ng/ul	98
13) 2-Methylphenol	8.375	108	482119	42.413	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.463	45	582645	43.240	ng/ul	98
16) Acetophenone	8.758	105	736656	42.322	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.746	70	356357	43.046	ng/ul	94
18) 4-Methylphenol	8.710	108	512345	42.266	ng/ul	99
19) Hexachloroethane	9.016	117	204138	42.475	ng/ul	94
22) Nitrobenzene	9.134	77	543649	42.401	ng/ul	96
23) Isophorone	9.669	82	1031821	42.069	ng/ul	96
25) 2-Nitrophenol	9.846	139	280092	43.848	ng/ul	96
26) 2,4-Dimethylphenol	9.910	107	542192	39.867	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.146	93	654025	41.595	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	499050	42.167	ng/ul	96
30) Naphthalene	10.787	128	1525927	40.536	ng/ul	100
32) 4-Chloroaniline	10.893	127	633505	38.965	ng/ul	100
33) Hexachlorobutadiene	11.081	225	348064	40.339	ng/ul	98
34) Caprolactam	11.669	113	156933m >	40.440	ng/ul >	10/29/21 JU
35) 4-Chloro-3-methylphenol	12.022	107	534418	43.617	ng/ul	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007704.D
Acq On : 27 Oct 2021 06:21
Operator : CG/JU
Sample : PB140188BS
Misc :
ALS Vial : 62 Sample Multiplier: 1

Quant Time: Oct 27 06:50:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 16:57:16 2021
Response via : Initial Calibration

Instrument : BNA_P
ClientSampleId : SLCS188

Manual Integrations APPROVED
mohammad
10/27/2021 11:51:16 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.399	142	1065123	41.156	ng/ul	100
37) 1-Methylnaphthalene	12.616	142	1068637	40.895	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	631082	40.590	ng/ul	98
40) Hexachlorocyclopentadiene	12.751	237	341227	33.843	ng/ul	99
41) 2,4,6-Trichlorophenol	13.004	196	412563	42.173	ng/ul	98
42) 2,4,5-Trichlorophenol	13.075	196	454907	43.188	ng/ul	98
43) 1,1'-Biphenyl	13.404	154	1445526	40.823	ng/ul	98
44) 2-Chloronaphthalene	13.446	162	1112112	40.528	ng/ul	99
45) 2-Nitroaniline	13.646	65	313723	45.317	ng/ul	94
47) Dimethylphthalate	14.034	163	1447021	42.165	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	300070	45.780	ng/ul	93
50) Acenaphthylene	14.293	152	1770294	41.089	ng/ul	99
51) 3-Nitroaniline	14.469	138	308115	44.321	ng/ul#	95
52) Acenaphthene	14.634	153	1163536	40.948	ng/ul	99
53) 2,4-Dinitrophenol	14.675	184	155438	37.994	ng/ul	96
55) 4-Nitrophenol	14.781	109	231173	41.087	ng/ul	96
56) Dibenzofuran	14.969	168	1702594	40.989	ng/ul	98
57) 2,4-Dinitrotoluene	14.934	165	430463	45.727	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.198	232	371530	43.273	ng/ul	97
59) Diethylphthalate	15.398	149	1425410	42.351	ng/ul	98
61) Fluorene	15.622	166	1312765	40.545	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.616	204	692332	40.321	ng/ul	100
63) 4-Nitroaniline	15.640	138	298701	46.281	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.698	198	235212	39.752	ng/ul	98
67) N-Nitrosodiphenylamine	15.828	169	1187549	41.884	ng/ul	99
68) 4-Bromophenyl-phenylether	16.516	248	448244	41.831	ng/ul	96
69) Hexachlorobenzene	16.634	284	504464	40.654	ng/ul	97
70) Atrazine	16.792	200	467489	39.766	ng/ul	98
71) Pentachlorophenol	16.975	266	308469	40.028	ng/ul	98
72) Phenanthrene	17.369	178	2220509	41.804	ng/ul	99
74) Anthracene	17.463	178	2147779	40.652	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	634493	39.489	ng/uL	98
76) Pentachlorobenzene	14.893	250	610133	39.380	ng/uL	100
77) Carbazole	17.728	167	2013886	41.290	ng/ul	99
78) Di-n-butylphthalate	18.292	149	2404981	43.068	ng/ul	99
80) Fluoranthene	19.339	202	2762794	43.094	ng/ul	97
82) Pyrene	19.692	202	2738049	42.197	ng/ul	97
83) Butylbenzylphthalate	20.569	149	1109392	43.942	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.333	252	887728	42.631	ng/ul#	98
85) Benzo(a)anthracene	21.404	228	2816334	42.210	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1599427	42.634	ng/ul	99
87) Chrysene	21.457	228	2698881	41.835	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	2834038	43.316	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	3046785	44.024	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	2755618	42.548	ng/ul	99
93) Benzo(a)pyrene	23.763	252	2886544	43.048	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	3414248	42.746	ng/ul	98
95) Dibenzo(a,h)anthracene	26.445	278	2925677	42.744	ng/ul	98
96) Benzo(g,h,i)perylene	27.209	276	2935531	43.210	ng/ul	97

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