

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
 Data File : BN021596.D
 Acq On : 06 Sep 2022 11:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020332

Quant Time: Sep 06 14:13:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 06 14:13:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2022
 Supervised By :mohammad ahmed 09/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	190296	20.000	ng/u1	0.00
20) Naphthalene-d8	10.899	136	857554	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.722	164	527737	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.469	188	1086340	20.000	ng/u1	0.00
79) Chrysene-d12	21.663	240	983227	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	937778	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	37462	7.391	ng/uL	0.00
4) Pyridine-d5	3.793	84	268774	19.457	ng/u1	0.00
7) Phenol-d5	7.210	99	327757	18.990	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	210006	20.102	ng/u1	0.00
11) 2-Chlorophenol-d4	7.587	132	253406	20.181	ng/u1	0.00
15) 4-Methylphenol-d8	8.775	113	264907	19.562	ng/u1	0.00
21) Nitrobenzene-d5	9.240	128	130459	22.329	ng/u1	0.00
24) 2-Nitrophenol-d4	9.969	143	129318	24.780	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	250062	21.636	ng/u1	0.00
31) 4-Chloroaniline-d4	11.034	131	372727	18.990	ng/u1	0.00
46) Dimethylphthalate-d6	14.128	166	732131	20.297	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	855241	20.338	ng/u1	0.00
54) 4-Nitrophenol-d4	14.910	143	133063	18.538	ng/u1	0.00
60) Fluorene-d10	15.710	176	633265	20.177	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	96528	22.215	ng/u1	0.00
73) Anthracene-d10	17.569	188	932707	19.483	ng/u1	0.00
81) Pyrene-d10	19.863	212	1037404	22.186	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	923281	20.772	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	40101	7.682	ng/uL	100
5) Pyridine	3.817	79	272080	19.575	ng/u1	86
6) Benzaldehyde	7.193	77	179472	23.933	ng/u1	91
8) Phenol	7.240	94	343562	19.263	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.481	93	279693	19.668	ng/u1	95
12) 2-Chlorophenol	7.616	128	266540	19.786	ng/u1	98
13) 2-Methylphenol	8.510	108	261336	19.285	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.599	45	371861	20.731	ng/u1	98
16) Acetophenone	8.899	105	418210	19.526	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.881	70	214061	20.072	ng/u1	94
18) 4-Methylphenol	8.840	108	290748	19.532	ng/u1	97
19) Hexachloroethane	9.157	117	107453	20.012	ng/u1	88
22) Nitrobenzene	9.281	77	312483	21.703	ng/u1	97
23) Isophorone	9.804	82	601919	20.302	ng/u1	99
25) 2-Nitrophenol	9.999	139	147341	24.103	ng/u1	96
26) 2,4-Dimethylphenol	10.057	107	308178	20.358	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.299	93	389873	20.999	ng/u1	98
29) 2,4-Dichlorophenol	10.540	162	252485	20.850	ng/u1	98
30) Naphthalene	10.946	128	882813	19.771	ng/u1	100
32) 4-Chloroaniline	11.057	127	381680	18.764	ng/u1	98
33) Hexachlorobutadiene	11.228	225	141356	20.263	ng/u1	98
34) Caprolactam	11.816	113	84331	18.206	ng/u1	88
35) 4-Chloro-3-methylphenol	12.175	107	287419	21.060	ng/u1	97
36) 2-Methylnaphthalene	12.551	142	615505	20.377	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
 Data File : BN021596.D
 Acq On : 06 Sep 2022 11:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020332

Quant Time: Sep 06 14:13:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 06 14:13:27 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2022
 Supervised By :mohammad ahmed 09/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.769	142	612416	20.174	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.916	216	281990	20.838	ng/ul	96
40) Hexachlorocyclopentadiene	12.898	237	159149	19.754	ng/ul	97
41) 2,4,6-Trichlorophenol	13.157	196	193026	22.988	ng/ul	96
42) 2,4,5-Trichlorophenol	13.228	196	212481	23.064	ng/ul	92
43) 1,1'-Biphenyl	13.557	154	804803	20.868	ng/ul	98
44) 2-Chloronaphthalene	13.598	162	604600	20.477	ng/ul	97
45) 2-Nitroaniline	13.804	65	174263	23.532	ng/ul	92
47) Dimethylphthalate	14.169	163	745823	20.214	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	146038	23.071	ng/ul	99
50) Acenaphthylene	14.445	152	980861	20.205	ng/ul	99
51) 3-Nitroaniline	14.628	138	155311	22.025	ng/ul	99
52) Acenaphthene	14.787	153	637828	20.334	ng/ul	100
53) 2,4-Dinitrophenol	14.828	184	63223	20.403	ng/ul	96
55) 4-Nitrophenol	14.928	109	103828	18.045	ng/ul	94
56) Dibenzofuran	15.116	168	885635	19.651	ng/ul	99
57) 2,4-Dinitrotoluene	15.081	165	206344	22.446	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	155963	22.055	ng/ul#	88
59) Diethylphthalate	15.534	149	746711	20.069	ng/ul	98
61) Fluorene	15.769	166	683705	19.236	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.757	204	329831	20.130	ng/ul	98
63) 4-Nitroaniline	15.786	138	145783	20.600	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.839	198	104814	22.769	ng/ul#	97
67) N-Nitrosodiphenylamine	15.969	169	621024	20.397	ng/ul	97
68) 4-Bromophenyl-phenylether	16.651	248	202192	20.928	ng/ul	96
69) Hexachlorobenzene	16.769	284	227952	19.820	ng/ul#	92
70) Atrazine	16.922	200	206900	19.204	ng/ul	98
71) Pentachlorophenol	17.116	266	130691	20.411	ng/ul	96
72) Phenanthrene	17.510	178	1133452	19.753	ng/ul	99
74) Anthracene	17.604	178	1096493	19.191	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.522	216	298837	21.613	ng/uL	99
76) Pentachlorobenzene	15.034	250	283311	21.510	ng/uL	89
77) Carbazole	17.875	167	1058501	19.604	ng/ul	97
78) Di-n-butylphthalate	18.433	149	1265422	20.787	ng/ul	99
80) Fluoranthene	19.527	202	1314318	23.303	ng/ul	95
82) Pyrene	19.892	202	1307347	22.240	ng/ul#	89
83) Butylbenzylphthalate	20.780	149	556029	24.991	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.574	252	358734	19.135	ng/ul#	89
85) Benzo(a)anthracene	21.645	228	1236097	20.880	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.557	149	811048	23.809	ng/ul	99
87) Chrysene	21.704	228	1197860	20.899	ng/ul	95
89) Di-n-octyl phthalate	22.521	149	1410215	25.672	ng/ul	100
90) Benzo(b)fluoranthene	23.404	252	1186332m	20.793	ng/ul	
91) Benzo(k)fluoranthene	23.457	252	1197410	23.462	ng/ul	95
93) Benzo(a)pyrene	24.068	252	1155716	21.172	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.833	276	1109800	16.560	ng/ul	93
95) Dibenzo(a,h)anthracene	26.857	278	947187	16.748	ng/ul#	96
96) Benzo(g,h,i)perylene	27.656	276	924430	15.808	ng/ul	94

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

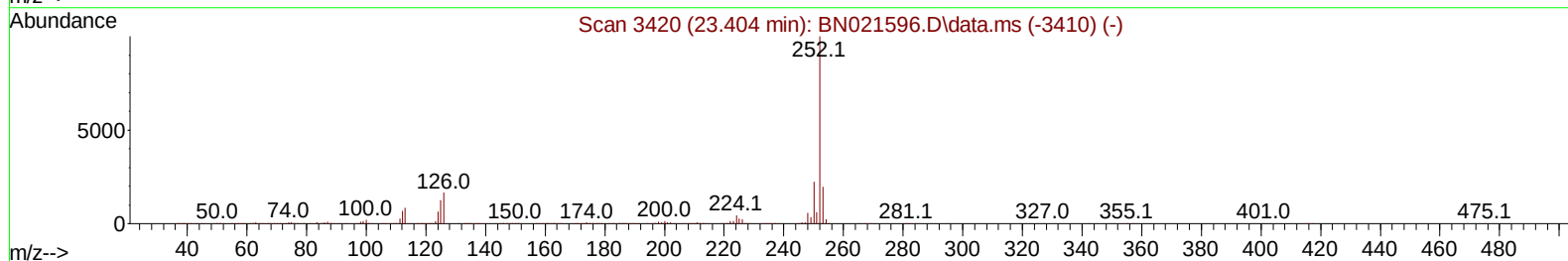
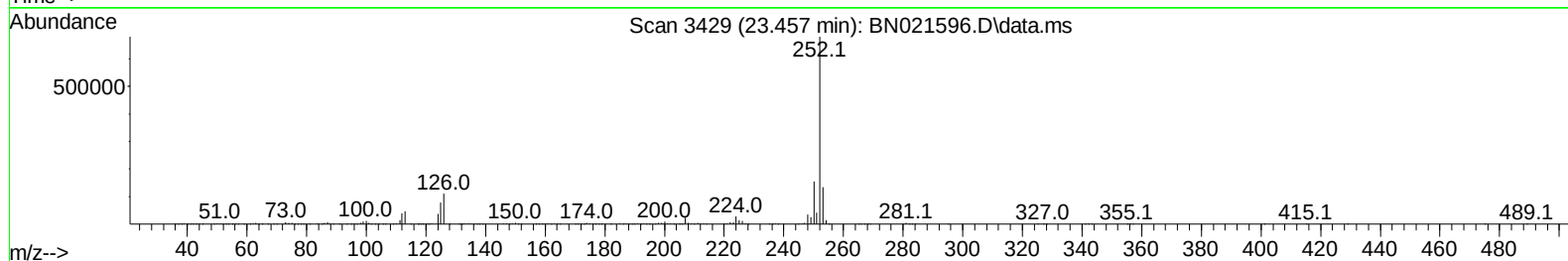
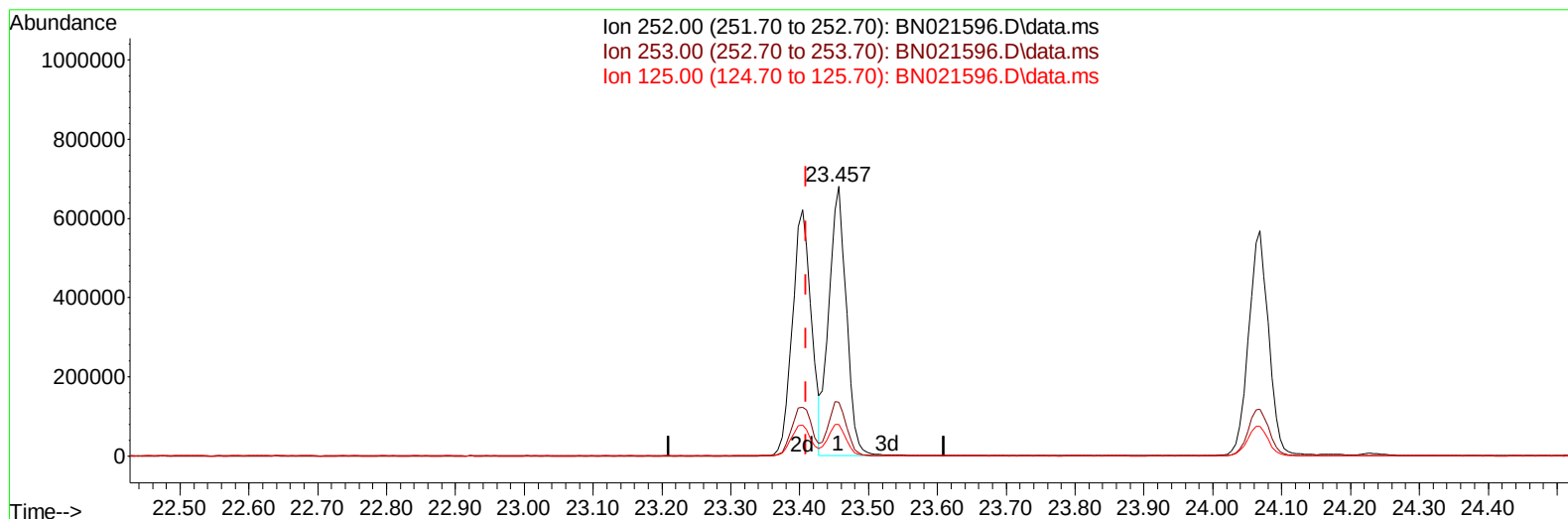
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
 Data File : BN021596.D
 Acq On : 06 Sep 2022 11:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020332

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2022
 Supervised By :mohammad ahmed 09/07/2022

Quant Time: Sep 08 09:38:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 07 01:01:49 2022
 Response via : Initial Calibration



TIC: BN021596.D\data.ms

(90) Benzo(b)fluoranthene

23.457min (+ 0.047) 20.99 ng/ul

response 1197410

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	19.84
125.00	9.80	11.61
0.00	0.00	0.00

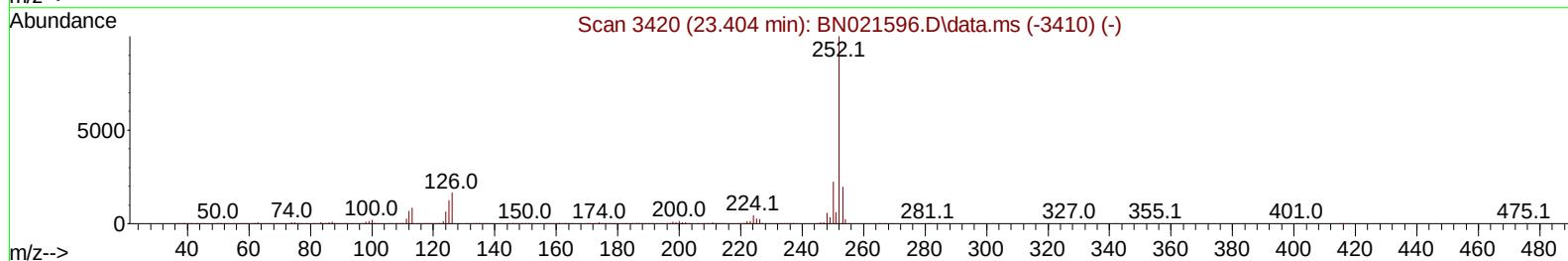
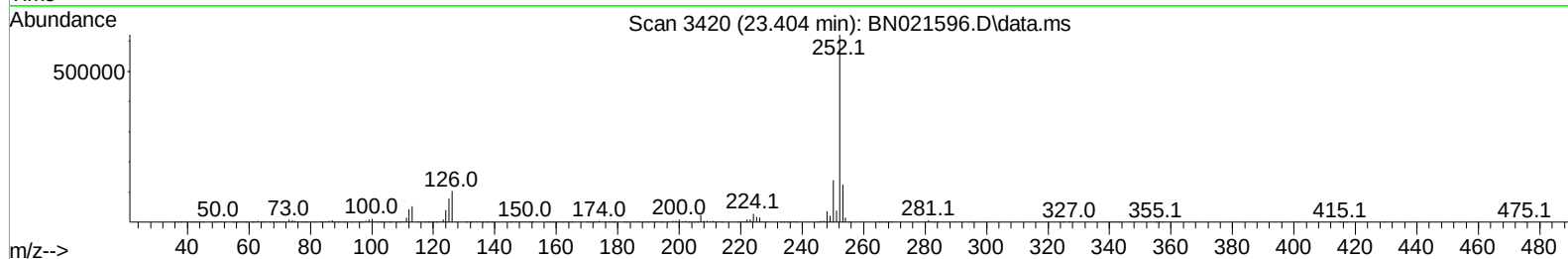
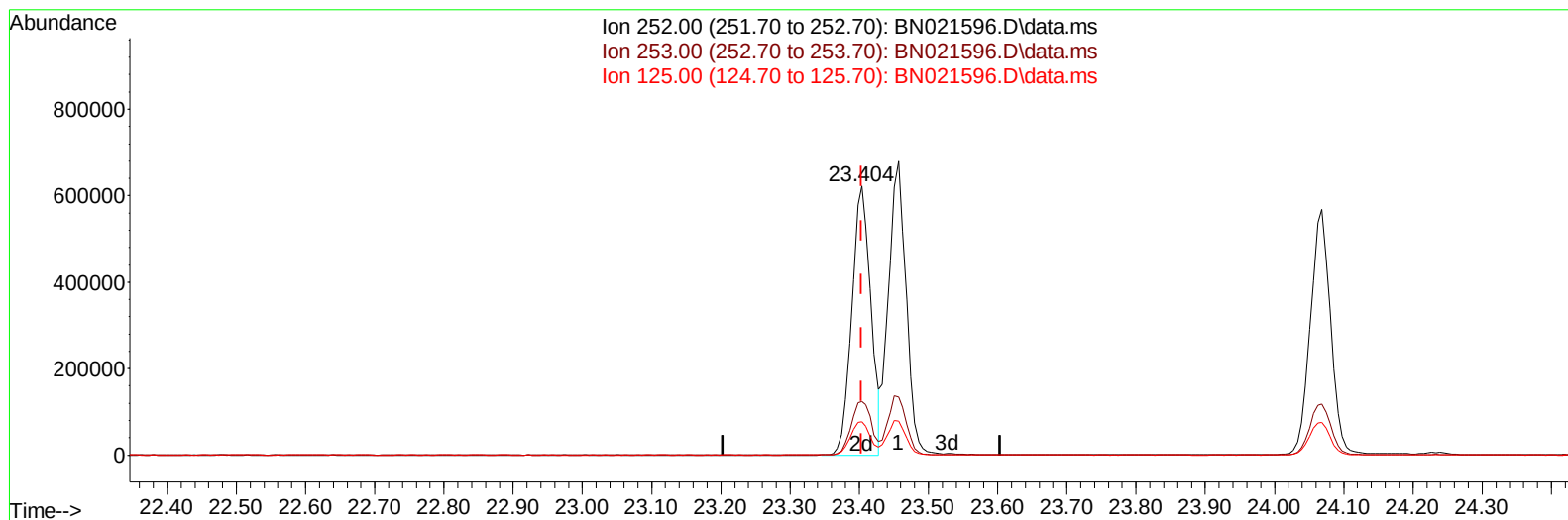
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
 Data File : BN021596.D
 Acq On : 06 Sep 2022 11:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020332

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2022
 Supervised By :mohammad ahmed 09/07/2022

Quant Time: Sep 06 14:13:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 06 14:13:27 2022
 Response via : Initial Calibration



TIC: BN021596.D\data.ms

(90) Benzo(b)fluoranthene

23.404min (0.000) 20.79 ng/ul m

response 1186332

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	20.60	19.88
125.00	9.80	12.46#
0.00	0.00	0.00

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
 Data File : BN021596.D
 Acq On : 06 Sep 2022 11:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020332

Quant Time: Sep 06 14:13:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 06 14:13:27 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2022
 Supervised By :mohammad ahmed 09/07/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.063	152	190296	20.000	ng/uL	0.00
20) Naphthalene-d8	10.899	136	857554	20.000	ng/uL	0.00
38) Acenaphthene-d10	14.722	164	527737	20.000	ng/uL	0.00
64) Phenanthrene-d10	17.469	188	1086340	20.000	ng/uL	0.00
79) Chrysene-d12	21.663	240	983227	20.000	ng/uL	0.00
88) Perylene-d12	24.180	264	937778	20.000	ng/uL	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.364	96	37462	7.391	ng/uL	0.00
4) Pyridine-d5	3.793	84	268774	19.457	ng/uL	0.00
7) Phenol-d5	7.210	99	327757	18.990	ng/uL	0.00
9) Bis-(2-Chloroethyl)eth...	7.381	67	210006	20.102	ng/uL	0.00
11) 2-Chlorophenol-d4	7.587	132	253406	20.181	ng/uL	0.00
15) 4-Methylphenol-d8	8.775	113	264907	19.562	ng/uL	0.00
21) Nitrobenzene-d5	9.240	128	130459	22.329	ng/uL	0.00
24) 2-Nitrophenol-d4	9.969	143	129318	24.780	ng/uL	0.00
28) 2,4-Dichlorophenol-d3	10.510	165	250062	21.636	ng/uL	0.00
31) 4-Chloroaniline-d4	11.034	131	372727	18.990	ng/uL	0.00
46) Dimethylphthalate-d6	14.128	166	732131	20.297	ng/uL	0.00
49) Acenaphthylene-d8	14.416	160	855241	20.338	ng/uL	0.00
54) 4-Nitrophenol-d4	14.910	143	133063	18.538	ng/uL	0.00
60) Fluorene-d10	15.710	176	633265	20.177	ng/uL	0.00
65) 4,6-Dinitro-2-methylph...	15.828	200	96528	22.215	ng/uL	0.00
73) Anthracene-d10	17.569	188	932707	19.483	ng/uL	0.00
81) Pyrene-d10	19.863	212	1037404	22.186	ng/uL	0.00
92) Benzo(a)pyrene-d12	24.015	264	923281	20.772	ng/uL	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.399	88	40101	7.682	ng/uL	100
5) Pyridine	3.817	79	272080	19.575	ng/uL	86
6) Benzaldehyde	7.193	77	179472	23.933	ng/uL	91
8) Phenol	7.240	94	343562	19.263	ng/uL	93
10) Bis(2-Chloroethyl)ether	7.481	93	279693	19.668	ng/uL	95
12) 2-Chlorophenol	7.616	128	266540	19.786	ng/uL	98
13) 2-Methylphenol	8.510	108	261336	19.285	ng/uL	99
14) 2,2'-oxybis(1-Chloropr...	8.599	45	371861	20.731	ng/uL	98
16) Acetophenone	8.899	105	418210	19.526	ng/uL	97
17) N-Nitroso-di-n-propyla...	8.881	70	214061	20.072	ng/uL	94
18) 4-Methylphenol	8.840	108	290748	19.532	ng/uL	97
19) Hexachloroethane	9.157	117	107453	20.012	ng/uL	88
22) Nitrobenzene	9.281	77	312483	21.703	ng/uL	97
23) Isophorone	9.804	82	601919	20.302	ng/uL	99
25) 2-Nitrophenol	9.999	139	147341	24.103	ng/uL	96
26) 2,4-Dimethylphenol	10.057	107	308178	20.358	ng/uL	96
27) Bis(2-Chloroethoxy)met...	10.299	93	389873	20.999	ng/uL	98
29) 2,4-Dichlorophenol	10.540	162	252485	20.850	ng/uL	98
30) Naphthalene	10.946	128	882813	19.771	ng/uL	100
32) 4-Chloroaniline	11.057	127	381680	18.764	ng/uL	98
33) Hexachlorobutadiene	11.228	225	141356	20.263	ng/uL	98
34) Caprolactam	11.816	113	84331	18.206	ng/uL	88
35) 4-Chloro-3-methylphenol	12.175	107	287419	21.060	ng/uL	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090622\
 Data File : BN021596.D
 Acq On : 06 Sep 2022 11:48
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020332

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2022
 Supervised By :mohammad ahmed 09/07/2022

Quant Time: Sep 06 14:13:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN081922.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 06 14:13:27 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.551	142	615505	20.377	ng/ul	99
37) 1-Methylnaphthalene	12.769	142	612416	20.174	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.916	216	281990	20.838	ng/ul	96
40) Hexachlorocyclopentadiene	12.898	237	159149	19.754	ng/ul	97
41) 2,4,6-Trichlorophenol	13.157	196	193026	22.988	ng/ul	96
42) 2,4,5-Trichlorophenol	13.228	196	212481	23.064	ng/ul	92
43) 1,1'-Biphenyl	13.557	154	804803	20.868	ng/ul	98
44) 2-Chloronaphthalene	13.598	162	604600	20.477	ng/ul	97
45) 2-Nitroaniline	13.804	65	174263	23.532	ng/ul	92
47) Dimethylphthalate	14.169	163	745823	20.214	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	146038	23.071	ng/ul	99
50) Acenaphthylene	14.445	152	980861	20.205	ng/ul	99
51) 3-Nitroaniline	14.628	138	155311	22.025	ng/ul	99
52) Acenaphthene	14.787	153	637828	20.334	ng/ul	100
53) 2,4-Dinitrophenol	14.828	184	63223	20.403	ng/ul	96
55) 4-Nitrophenol	14.928	109	103828	18.045	ng/ul	94
56) Dibenzofuran	15.116	168	885635	19.651	ng/ul	99
57) 2,4-Dinitrotoluene	15.081	165	206344	22.446	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	155963	22.055	ng/ul#	88
59) Diethylphthalate	15.534	149	746711	20.069	ng/ul	98
61) Fluorene	15.769	166	683705	19.236	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.757	204	329831	20.130	ng/ul	98
63) 4-Nitroaniline	15.786	138	145783	20.600	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.839	198	104814	22.769	ng/ul#	97
67) N-Nitrosodiphenylamine	15.969	169	621024	20.397	ng/ul	97
68) 4-Bromophenyl-phenylether	16.651	248	202192	20.928	ng/ul	96
69) Hexachlorobenzene	16.769	284	227952	19.820	ng/ul#	92
70) Atrazine	16.922	200	206900	19.204	ng/ul	98
71) Pentachlorophenol	17.116	266	130691	20.411	ng/ul	96
72) Phenanthrene	17.510	178	1133452	19.753	ng/ul	99
74) Anthracene	17.604	178	1096493	19.191	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.522	216	298837	21.613	ng/uL	99
76) Pentachlorobenzene	15.034	250	283311	21.510	ng/uL	89
77) Carbazole	17.875	167	1058501	19.604	ng/ul	97
78) Di-n-butylphthalate	18.433	149	1265422	20.787	ng/ul	99
80) Fluoranthene	19.527	202	1314318	23.303	ng/ul	95
82) Pyrene	19.892	202	1307347	22.240	ng/ul#	89
83) Butylbenzylphthalate	20.780	149	556029	24.991	ng/ul#	97
84) 3,3'-Dichlorobenzidine	21.574	252	358734	19.135	ng/ul#	89
85) Benzo(a)anthracene	21.645	228	1236097	20.880	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.557	149	811048	23.809	ng/ul	99
87) Chrysene	21.704	228	1197860	20.899	ng/ul	95
89) Di-n-octyl phthalate	22.521	149	1410215	25.672	ng/ul	100
90) Benzo(b)fluoranthene	23.404	252	1186332m	20.793	ng/ul	
91) Benzo(k)fluoranthene	23.457	252	1197410	23.462	ng/ul	95
93) Benzo(a)pyrene	24.068	252	1155716	21.172	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.833	276	1109800	16.560	ng/ul	93
95) Dibenzo(a,h)anthracene	26.857	278	947187	16.748	ng/ul#	96
96) Benzo(g,h,i)perylene	27.656	276	924430	15.808	ng/ul	94

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

Instrument :

BNA_N

ClientSampleId :

SSTD020332

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/06/2022
Supervised By :mohammad ahmed 09/07/2022

