

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
 Data File : BM036737.D
 Acq On : 25 Sep 2022 06:09
 Operator : CG/JU
 Sample : SP6012
 Misc : SFAM SPIKE
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP6012

Quant Time: Sep 26 01:17:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 00:41:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
 Supervised By :mohammad ahmed 09/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	319222	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.816	136	1365508	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.627	164	815261	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.368	188	1633767	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	1524748	20.000	ng/ul	-0.01
88) Perylene-d12	23.962	264	1317265	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/uL	
4) Pyridine-d5	0.000	84	0d	0.000	ng/ul	
7) Phenol-d5	0.000	99	0d	0.000	ng/ul	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/ul	
11) 2-Chlorophenol-d4	0.000	132	0d	0.000	ng/ul	
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/ul	
21) Nitrobenzene-d5	0.000	128	0d	0.000	ng/ul	
24) 2-Nitrophenol-d4	0.000	143	0	0.000	ng/ul	
28) 2,4-Dichlorophenol-d3	0.000	165	0d	0.000	ng/ul	
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/ul	
46) Dimethylphthalate-d6	0.000	166	0d	0.000	ng/ul	
49) Acenaphthylene-d8	0.000	160	0d	0.000	ng/ul	
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/ul	
60) Fluorene-d10	0.000	176	0d	0.000	ng/ul	
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/ul	
73) Anthracene-d10	0.000	188	0d	0.000	ng/ul	
81) Pyrene-d10	0.000	212	0d	0.000	ng/ul	
92) Benzo(a)pyrene-d12	0.000	264	0d	0.000	ng/ul	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.416	88	288658	31.468	ng/uL	98
5) Pyridine	3.828	79	1986664	79.623	ng/ul	91
6) Benzaldehyde	7.140	77	1789475m	129.539	ng/ul	
8) Phenol	7.192	94	2778540	90.751	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.428	93	2086088	87.571	ng/ul	99
12) 2-Chlorophenol	7.563	128	2110685	95.003	ng/ul	98
13) 2-Methylphenol	8.451	108	2066948	91.846	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.539	45	2335487	82.718	ng/ul	98
16) Acetophenone	8.834	105	3163554	86.526	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.822	70	1558891	88.363	ng/ul	94
18) 4-Methylphenol	8.786	108	2215546	91.042	ng/ul	96
19) Hexachloroethane	9.086	117	812890	90.333	ng/ul	96
22) Nitrobenzene	9.216	77	2293866	93.478	ng/ul	96
23) Isophorone	9.751	82	4362322	87.186	ng/ul	99
25) 2-Nitrophenol	9.928	139	1037183	101.434	ng/ul	99
26) 2,4-Dimethylphenol	9.986	107	2322995	92.110	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.228	93	2688808	90.160	ng/ul	100
29) 2,4-Dichlorophenol	10.463	162	1874785	92.950	ng/ul	99
30) Naphthalene	10.869	128	6457136	86.804	ng/ul	99
32) 4-Chloroaniline	10.975	127	2397120	72.788	ng/ul	99
33) Hexachlorobutadiene	11.151	225	1028419	83.368	ng/ul	99
34) Caprolactam	11.798	113	622974m	95.217	ng/ul	
35) 4-Chloro-3-methylphenol	12.098	107	2104202	94.508	ng/ul	100
36) 2-Methylnaphthalene	12.469	142	4309397	86.949	ng/ul	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
 Data File : BM036737.D
 Acq On : 25 Sep 2022 06:09
 Operator : CG/JU
 Sample : SP6012
 Misc : SFAM SPIKE
 ALS Vial : 73 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SP6012

Quant Time: Sep 26 01:17:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 00:41:16 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
 Supervised By :mohammad ahmed 09/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	4284495	85.991	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.833	216	2034881	88.185	ng/ul	100
40) Hexachlorocyclopentadiene	12.810	237	1100552	91.518	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	1411699	99.917	ng/ul	98
42) 2,4,5-Trichlorophenol	13.145	196	1522624	100.517	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	5438305	90.491	ng/ul	98
44) 2-Chloronaphthalene	13.516	162	4264680	90.433	ng/ul	98
45) 2-Nitroaniline	13.716	65	1312378	113.064	ng/ul	98
47) Dimethylphthalate	14.092	163	5153060	88.349	ng/ul	100
48) 2,6-Dinitrotoluene	14.210	165	1093061	115.268	ng/ul	95
50) Acenaphthylene	14.357	152	6634273	88.970	ng/ul	99
51) 3-Nitroaniline	14.539	138	1247052	109.649	ng/ul#	95
52) Acenaphthene	14.698	153	4632744	88.793	ng/ul	99
53) 2,4-Dinitrophenol	14.739	184	478353	113.686	ng/ul	98
55) 4-Nitrophenol	14.839	109	782439	85.826	ng/ul	97
56) Dibenzofuran	15.027	168	6196061	88.428	ng/ul	97
57) 2,4-Dinitrotoluene	14.992	165	1544461	112.032	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.251	232	1236508	97.515	ng/ul	99
59) Diethylphthalate	15.451	149	5268168	90.227	ng/ul	99
61) Fluorene	15.674	166	5240121	87.808	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.668	204	2473425	86.664	ng/ul	98
63) 4-Nitroaniline	15.704	138	1312683	118.796	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.751	198	706220	96.819	ng/ul#	97
67) N-Nitrosodiphenylamine	15.880	169	4363315	90.678	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	1417405	88.021	ng/ul	99
69) Hexachlorobenzene	16.674	284	1644868	86.361	ng/ul	99
70) Atrazine	16.833	200	1551863	91.393	ng/ul	97
71) Pentachlorophenol	17.015	266	1029524	91.000	ng/ul	99
72) Phenanthrene	17.409	178	7937589	88.206	ng/ul	98
74) Anthracene	17.504	178	8079548	88.331	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.433	216	2089069	93.490	ng/ul	99
76) Pentachlorobenzene	14.945	250	1963149	81.228	ng/ul	99
77) Carbazole	17.768	167	7434634	87.790	ng/ul	98
78) Di-n-butylphthalate	18.333	149	8999861	93.762	ng/ul	98
80) Fluoranthene	19.415	202	8976907	97.660	ng/ul	98
82) Pyrene	19.780	202	9316648	95.752	ng/ul	98
83) Butylbenzylphthalate	20.674	149	4137570	112.223	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.450	252	3046841	102.268	ng/ul	99
85) Benzo(a)anthracene	21.521	228	8612374	90.150	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.444	149	5863041	108.863	ng/ul	98
87) Chrysene	21.574	228	8050615	88.781	ng/ul	98
89) Di-n-octyl phthalate	22.380	149	9789302	123.268	ng/ul	100
90) Benzo(b)fluoranthene	23.227	252	8007069	95.856	ng/ul	99
91) Benzo(k)fluoranthene	23.280	252	7925402	94.952	ng/ul	99
93) Benzo(a)pyrene	23.862	252	6739636	91.779	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.515	276	7802963	90.992	ng/ul	96
95) Dibenzo(a,h)anthracene	26.526	278	6789661	87.304	ng/ul	99
96) Benzo(g,h,i)perylene	27.297	276	6197975	83.371	ng/ul	99

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

