

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021486.D
 Acq On : 17 Jul 2019 08:31
 Operator : HP/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02042

Quant Time: Jul 17 15:02:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 12 05:46:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	140737	20.00	ng/ul	0.00
18) Naphthalene-d8	10.51	136	546703	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	321537	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	730889	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	781784	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	889645	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	23139	8.10	ng/uL	0.00
5) Phenol-d5	6.90	99	204459	18.68	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	119952	18.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	177253	18.82	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	165855	19.03	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	82499	18.32	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	88813	17.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	188845	18.59	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	204473	22.27	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	517686	18.38	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	673476	19.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	74194	16.63	ng/ul	0.00
57) Fluorene-d10	15.36	176	467405	18.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	76318	15.53	ng/ul	0.00
70) Anthracene-d10	17.22	188	727126	19.15	ng/ul	0.00
78) Pyrene-d10	19.52	212	803690	18.73	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	906548	17.72	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.29	88	22870	7.616	ng/uL 95
4) Benzaldehyde	6.89	77	147530	24.972	ng/ul 100
6) Phenol	6.93	94	211902	20.231	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.16	93	163909	20.240	ng/ul 99
10) 2-Chlorophenol	7.29	128	179684	19.850	ng/ul 99
11) 2-Methylphenol	8.17	108	157124	19.687	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	208001	21.063	ng/ul 98
14) Acetophenone	8.55	105	268226	20.431	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.53	70	129949	19.740	ng/ul 96
16) 4-Methylphenol	8.50	108	170107	20.103	ng/ul 97
17) Hexachloroethane	8.79	117	81808	20.668	ng/ul 98
20) Nitrobenzene	8.93	77	206959	20.518	ng/ul 100
21) Isophorone	9.45	82	351066	19.637	ng/ul 99
23) 2-Nitrophenol	9.63	139	97338	19.195	ng/ul 92
24) 2,4-Dimethylphenol	9.69	107	197697	20.038	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.93	93	224646	20.145	ng/ul 99
27) 2,4-Dichlorophenol	10.16	162	184414	19.851	ng/ul 99
28) Naphthalene	10.56	128	578927	20.348	ng/ul 99
30) 4-Chloroaniline	10.69	127	203140	23.145	ng/ul 97
31) Hexachlorobutadiene	10.83	225	141620	20.627	ng/ul 99
32) Caprolactam	11.49	113	51171	21.107	ng/ul 98
33) 4-Chloro-3-methylphenol	11.81	107	169196	19.566	ng/ul 99
34) 2-Methylnaphthalene	12.17	142	416130	19.842	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	256736	20.531	ng/ul	98
37) Hexachlorocyclopentadiene	12.51	237	121209	19.054	ng/ul	99
38) 2,4,6-Trichlorophenol	12.79	196	144764	19.452	ng/ul	97
39) 2,4,5-Trichlorophenol	12.87	196	158086	20.042	ng/ul	98
40) 1,1'-Biphenyl	13.20	154	546873	20.321	ng/ul	99
41) 2-Chloronaphthalene	13.24	162	440013	20.402	ng/ul	98
42) 2-Nitroaniline	13.46	65	88111	18.697	ng/ul	95
44) Dimethylphthalate	13.83	163	518622	19.778	ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	88715	18.579	ng/ul	98
47) Acenaphthylene	14.09	152	622495	20.236	ng/ul	100
48) 3-Nitroaniline	14.30	138	77205	17.974	ng/ul	99
49) Acenaphthene	14.43	153	453251	20.277	ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	39931	13.905	ng/ul	90
52) 4-Nitrophenol	14.60	109	62764	18.882	ng/ul	93
53) Dibenzofuran	14.77	168	662013	20.445	ng/ul	100
54) 2,4-Dinitrotoluene	14.76	165	142232	19.421	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.00	232	139033	19.778	ng/ul	98
56) Diethylphthalate	15.20	149	493988	19.621	ng/ul	97
58) Fluorene	15.42	166	527253	20.127	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.42	204	295768	20.202	ng/ul	98
60) 4-Nitroaniline	15.46	138	76233	17.284	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.52	198	81902	16.756	ng/ul	99
64) N-Nitrosodiphenylamine	15.63	169	440236	20.248	ng/ul	99
65) 4-Bromophenyl-phenylether	16.31	248	182839	20.219	ng/ul	97
66) Hexachlorobenzene	16.42	284	219371	20.404	ng/ul	98
67) Atrazine	16.59	200	183909	22.895	ng/ul	99
68) Pentachlorophenol	16.77	266	101931	17.986	ng/ul	98
69) Phenanthrene	17.16	178	842953	20.454	ng/ul	99
71) Anthracene	17.25	178	858627	20.470	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	249007	20.783	ng/uL	98
73) Pentachlorobenzene	14.68	250	265400	21.503	ng/uL	99
74) Carbazole	17.53	167	697009	20.020	ng/ul	99
75) Di-n-butylphthalate	18.09	149	755343	18.937	ng/ul	99
76) Fluoranthene	19.18	202	991806	20.267	ng/ul	99
79) Pvrene	19.54	202	1033553	19.976	ng/ul	99
80) Butylbenzylphthalate	20.45	149	317792	17.339	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.24	252	314739	18.107	ng/ul	99
82) Benzo(a)anthracene	21.30	228	1079533	20.164	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	479751	17.795	ng/ul	99
84) Chrysene	21.34	228	1037800	20.620	ng/ul	100
86) Di-n-octyl phthalate	22.10	149	827845	17.226	ng/ul	100
87) Benzo(b)fluoranthene	22.89	252	1103455	19.904	ng/ul	100
88) Benzo(k)fluoranthene	22.93	252	1141862	20.678	ng/ul	99
90) Benzo(a)pyrene	23.47	252	1084005	20.243	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.84	276	1359223	20.549	ng/ul	100
92) Dibenzo(a,h)anthracene	25.85	278	1145169	20.594	ng/ul	99
93) Benzo(g,h,i)perylene	26.54	276	1133340	20.768	ng/ul	100

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

