

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM060818\
 Data File : BM015565.D
 Acq On : 08 Jun 2018 15:21
 Operator : SJ/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02099

Quant Time: Jun 08 16:41:18 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060818MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 08 14:39:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.35	152	78108	20.00	ng/ul	0.00
18) Naphthalene-d8	11.17	136	409582	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.96	164	271441	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.69	188	670018	20.00	ng/ul	0.00
77) Chrysene-d12	21.79	240	820359	20.00	ng/ul	0.00
85) Perylene-d12	24.20	264	895260	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	13246	8.24	ng/uL	0.00
5) Phenol-d5	7.49	99	138176	19.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.66	67	87374	20.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	110822	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	122476	20.05	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	55310	20.08	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	60974	20.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.79	165	124485	20.30	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	174286	25.50	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	452015	20.11	ng/ul	0.00
46) Acenaphthylene-d8	14.66	160	491411	20.27	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	83282	19.20	ng/ul	0.00
57) Fluorene-d10	15.94	176	378157	19.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	72604	17.99	ng/ul	0.00
70) Anthracene-d10	17.78	188	614354	20.11	ng/ul	0.00
78) Pyrene-d10	20.03	212	714409	20.25	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.05	264	912699	20.34	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.58	88	13895	8.401	ng/uL	86
4) Benzaldehyde	7.48	77	88471	23.804	ng/ul	88
6) Phenol	7.52	94	144742	19.650	ng/ul#	89
8) Bis(2-Chloroethyl)ether	7.76	93	110710	20.271	ng/ul	88
10) 2-Chlorophenol	7.90	128	114687	20.527	ng/ul	92
11) 2-Methylphenol	8.79	108	112748	19.992	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.87	45	186155	20.370	ng/ul#	87
14) Acetophenone	9.19	105	194466	20.346	ng/ul#	88
15) N-Nitroso-di-n-propylamine	9.16	70	106002	20.961	ng/ul#	74
16) 4-Methylphenol	9.12	108	126469	20.116	ng/ul	98
17) Hexachloroethane	9.43	117	44628	20.264	ng/ul	89
20) Nitrobenzene	9.57	77	148074	19.905	ng/ul	91
21) Isophorone	10.09	82	289308	20.342	ng/ul	98
23) 2-Nitrophenol	10.29	139	70157	20.540	ng/ul	92
24) 2,4-Dimethylphenol	10.33	107	152888	20.232	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.57	93	170515	20.054	ng/ul	100
27) 2,4-Dichlorophenol	10.82	162	124473	20.323	ng/ul	98
28) Naphthalene	11.23	128	406517	19.830	ng/ul	99
30) 4-Chloroaniline	11.34	127	177846	25.086	ng/ul	98
31) Hexachlorobutadiene	11.49	225	75747	20.162	ng/ul	98
32) Caprolactam	12.11	113	46808	20.006	ng/ul#	62
33) 4-Chloro-3-methylphenol	12.43	107	150419	20.628	ng/ul	96
34) 2-Methylnaphthalene	12.81	142	317255	20.179	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.17	216	155388	19.834	ng/ul	99
37) Hexachlorocyclopentadiene	13.14	237	47168	14.881	ng/ul	97
38) 2,4,6-Trichlorophenol	13.41	196	103920	20.242	ng/ul	97
39) 2,4,5-Trichlorophenol	13.49	196	115806	20.459	ng/ul	99
40) 1,1'-Biphenyl	13.80	154	421065	19.875	ng/ul	99
41) 2-Chloronaphthalene	13.85	162	326151	19.902	ng/ul	99
42) 2-Nitroaniline	14.06	65	105820	20.837	ng/ul#	76
44) Dimethylphthalate	14.41	163	463621	20.204	ng/ul	100
45) 2,6-Dinitrotoluene	14.54	165	88561	20.810	ng/ul	89
47) Acenaphthylene	14.69	152	513707	20.303	ng/ul	99
48) 3-Nitroaniline	14.87	138	90200	20.847	ng/ul	93
49) Acenaphthene	15.03	153	371532	19.897	ng/ul	100
50) 2,4-Dinitrophenol	15.09	184	42519	16.702	ng/ul#	1
52) 4-Nitrophenol	15.16	109	79111	20.559	ng/ul	85
53) Dibenzofuran	15.36	168	524276	19.956	ng/ul	99
54) 2,4-Dinitrotoluene	15.33	165	138010	20.883	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.58	232	104390	20.392	ng/ul	98
56) Diethylphthalate	15.75	149	487187	20.199	ng/ul	98
58) Fluorene	16.00	166	438297	19.949	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.98	204	215882	19.739	ng/ul	96
60) 4-Nitroaniline	16.03	138	99641	18.978	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	16.09	198	79493	18.432	ng/ul	93
64) N-Nitrosodiphenylamine	16.20	169	387541	20.076	ng/ul	99
65) 4-Bromophenyl-phenylether	16.87	248	135903	19.957	ng/ul	96
66) Hexachlorobenzene	16.99	284	159813	20.078	ng/ul	97
67) Atrazine	17.13	200	146196	20.529	ng/ul	100
68) Pentachlorophenol	17.33	266	83655	18.269	ng/ul	97
69) Phenanthrene	17.73	178	727944	19.796	ng/ul	100
71) Anthracene	17.82	178	746422	19.929	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.77	216	160125	19.816	ng/ul	96
73) Pentachlorobenzene	15.27	250	169372	19.944	ng/ul	99
74) Carbazole	18.08	167	687104	19.846	ng/ul	98
75) Di-n-butylphthalate	18.60	149	844559	20.271	ng/ul	99
76) Fluoranthene	19.70	202	888187	19.699	ng/ul	100
79) Pvrene	20.06	202	925637	20.114	ng/ul	99
80) Butylbenzylphthalate	20.91	149	413867	20.135	ng/ul	93
81) 3,3'-Dichlorobenzidine	21.69	252	345495	20.632	ng/ul	100
82) Benzo(a)anthracene	21.77	228	1000980	20.124	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.66	149	616593	20.406	ng/ul	97
84) Chrysene	21.83	228	939526	20.130	ng/ul	99
86) Di-n-octyl phthalate	22.58	149	1085341	19.264	ng/ul#	88
87) Benzo(b)fluoranthene	23.47	252	1076699	20.235	ng/ul	99
88) Benzo(k)fluoranthene	23.51	252	1015592	20.227	ng/ul	100
90) Benzo(a)pyrene	24.10	252	1025885	20.178	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	26.70	276	1296463	20.356	ng/ul	98
92) Dibenzo(a,h)anthracene	26.70	278	1093158	20.341	ng/ul	97
93) Benzo(g,h,i)perylene	27.47	276	1074402	20.466	ng/ul	96

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

