

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012144.D
 Acq On : 13 Oct 2017 20:48
 Operator : SJ/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02004

Quant Time: Oct 14 04:30:51 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 00:15:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	188034	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.63	136	781358	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.48	164	454561	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.23	188	938136	20.00	ng/ul	-0.02
75) Chrysene-d12	21.41	240	800741	20.00	ng/ul	-0.02
83) Perylene-d12	23.73	264	815105	20.00	ng/ul	-0.05

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	29111	7.36	ng/uL	-0.01
5) Phenol-d5	7.00	99	289862	19.00	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.16	67	175145	19.14	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.36	132	253724	19.61	ng/ul	-0.02
13) 4-Methylphenol-d8	8.55	113	252596	19.23	ng/ul	-0.02
19) Nitrobenzene-d5	9.00	128	121800	20.43	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.72	143	142661	20.48	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.26	165	270936	20.37	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.77	131	284818	22.88	ng/ul	-0.02
43) Dimethylphthalate-d6	13.89	166	766522	19.08	ng/ul	-0.02
46) Acenaphthylene-d8	14.17	160	962586	19.79	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.70	143	99481	16.47	ng/ul	-0.03
57) Fluorene-d10	15.47	176	628444	19.06	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.62	200	109701	17.04	ng/ul	-0.03
70) Anthracene-d10	17.33	188	905170	19.51	ng/ul	-0.02
76) Pyrene-d10	19.62	212	883314	21.73	ng/ul	-0.02
87) Benzo(a)pyrene-d12	23.58	264	767755	19.54	ng/ul	-0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	30828	7.64	ng/uL#	64
4) Benzaldehyde	6.97	77	196879	19.31	ng/ul	90
6) Phenol	7.03	94	298026	18.90	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.25	93	228123	18.98	ng/ul	98
10) 2-Chlorophenol	7.39	128	256360	19.41	ng/ul	96
11) 2-Methylphenol	8.27	108	228860	19.29	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	273379	17.91	ng/ul#	84
14) Acetophenone	8.66	105	384817	19.28	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.63	70	207003	19.35	ng/ul#	72
16) 4-Methylphenol	8.60	108	251506	19.24	ng/ul	93
17) Hexachloroethane	8.90	117	109988	19.74	ng/ul#	79
20) Nitrobenzene	9.04	77	295675	19.96	ng/ul	94
21) Isophorone	9.56	82	546458	19.74	ng/ul#	94
23) 2-Nitrophenol	9.75	139	153693	20.57	ng/ul#	80
24) 2,4-Dimethylphenol	9.80	107	303102	20.13	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.04	93	319468	19.68	ng/ul	97
27) 2,4-Dichlorophenol	10.29	162	261816	19.98	ng/ul#	91
28) Naphthalene	10.68	128	798192	19.74	ng/ul	100
30) 4-Chloroaniline	10.80	127	283587	23.16	ng/ul	96
31) Hexachlorobutadiene	10.95	225	197516	20.34	ng/ul	91
32) Caprolactam	11.60	113	75368	18.22	ng/ul#	38
33) 4-Chloro-3-methylphenol	11.93	107	269500	19.63	ng/ul	93
34) 2-Methylnaphthalene	12.30	142	595019	19.50	ng/ul	97

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36) 1,2,4,5-Tetrachlorobenzene	12.67	216	345583	20.94	ng/ul	97
37) Hexachlorocyclopentadiene	12.63	237	98869	13.44	ng/ul	99
38) 2,4,6-Trichlorophenol	12.92	196	224770	20.54	ng/ul	97
39) 2,4,5-Trichlorophenol	12.99	196	227092	20.17	ng/ul	99
40) 1,1'-Biphenyl	13.31	154	780242	20.34	ng/ul	99
41) 2-Chloronaphthalene	13.36	162	610606	20.28	ng/ul	98
42) 2-Nitroaniline	13.57	65	167336	19.98	ng/ul	93
44) Dimethylphthalate	13.93	163	763838	18.98	ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	156761	19.62	ng/ul	93
47) Acenaphthylene	14.20	152	941659	19.72	ng/ul	99
48) 3-Nitroaniline	14.40	138	120255	19.35	ng/ul	87
49) Acenaphthene	14.55	153	628781	19.55	ng/ul	100
50) 2,4-Dinitrophenol	14.63	184	68750	15.15	ng/ul	97
52) 4-Nitrophenol	14.72	109	92598	17.06	ng/ul	84
53) Dibenzofuran	14.88	168	903837	19.51	ng/ul	100
54) 2,4-Dinitrotoluene	14.86	165	217011	18.74	ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.12	232	190803	18.52	ng/ul	91
56) Diethylphthalate	15.29	149	752281	17.29	ng/ul	95
58) Fluorene	15.53	166	725985	18.87	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.52	204	389458	19.27	ng/ul	96
60) 4-Nitroaniline	15.56	138	126519	16.48	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.63	198	118727	17.47	ng/ul	95
64) N-Nitrosodiphenylamine	15.73	169	604126	20.57	ng/ul	100
65) 4-Bromophenyl-phenylether	16.41	248	235227	20.95	ng/ul	95
66) Hexachlorobenzene	16.54	284	257094	20.21	ng/ul#	92
67) Atrazine	16.69	200	232156	18.91	ng/ul	96
68) Pentachlorophenol	16.89	266	112866	15.91	ng/ul	97
69) Phenanthrene	17.27	178	1040902	19.50	ng/ul	99
71) Anthracene	17.36	178	1074835	19.45	ng/ul	99
72) Carbazole	17.63	167	847630	18.13	ng/ul	99
73) Di-n-butylphthalate	18.18	149	1174287	18.09	ng/ul	98
74) Fluoranthene	19.29	202	1114757	17.31	ng/ul#	92
77) Pyrene	19.65	202	1131266	21.39	ng/ul#	92
78) Butylbenzylphthalate	20.53	149	453344	19.26	ng/ul	87
79) 3,3'-Dichlorobenzidine	21.32	252	290663	18.24	ng/ul#	93
80) Benzo(a)anthracene	21.39	228	1024373	19.66	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	644252	18.24	ng/ul	97
82) Chrysene	21.44	228	929693	19.01	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	1089049	18.28	ng/ul#	95
85) Benzo(b)fluoranthene	23.03	252	984389	18.51	ng/ul#	98
86) Benzo(k)fluoranthene	23.07	252	975300	19.03	ng/ul#	97
88) Benzo(a)pyrene	23.63	252	966521	19.28	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.11	276	1133423	21.29	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.11	278	964842	21.56	ng/ul#	94
91) Benzo(g,h,i)perylene	26.84	276	960810	22.03	ng/ul#	95

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

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