

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051216\
 Data File : BM005411.D
 Acq On : 12 May 2016 09:36
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02064

Quant Time: May 12 10:06:38 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 02:20:05 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	54492	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	264642	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	171012	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	411859	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	371272	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	290773	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	9253	7.98	ng/uL	0.00
5) Phenol-d5	6.93	99	99807	20.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	57130	20.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	76895	20.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	83316	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	39022	20.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	44683	20.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	86408	21.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	110843	23.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	284062	20.72	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	338676	21.07	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	43243	17.28	ng/ul	0.00
57) Fluorene-d10	15.40	176	248223	20.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	40237	17.37	ng/ul	0.00
70) Anthracene-d10	17.25	188	386209	21.21	ng/ul	0.00
76) Pyrene-d10	19.54	212	422216	24.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	272394	21.16	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.29	88	16796	7.95 ng/uL	94
4) Benzaldehyde	6.90	77	60441	25.24 ng/ul	97
6) Phenol	6.96	94	105276	20.61 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.19	93	77744	20.22 ng/ul	99
10) 2-Chlorophenol	7.33	128	78105	20.46 ng/ul	97
11) 2-Methylphenol	8.20	108	79673	20.18 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.29	45	108337	20.77 ng/ul	99
14) Acetophenone	8.58	105	132391	21.87 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	67768	21.43 ng/ul	99
16) 4-Methylphenol	8.53	108	90569	20.67 ng/ul	98
17) Hexachloroethane	8.83	117	29816	20.75 ng/ul	93
20) Nitrobenzene	8.96	77	96174	20.33 ng/ul	98
21) Isophorone	9.47	82	189993	20.68 ng/ul	98
23) 2-Nitrophenol	9.66	139	48654	21.11 ng/ul	97
24) 2,4-Dimethylphenol	9.73	107	103533	21.17 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.96	93	114453	20.01 ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	87261	21.43 ng/ul	97
28) Naphthalene	10.59	128	272163	20.44 ng/ul	100
30) 4-Chloroaniline	10.71	127	113121	23.18 ng/ul	98
31) Hexachlorobutadiene	10.87	225	51861	21.43 ng/ul	99
32) Caprolactam	11.47	113	29863	19.68 ng/ul	94
33) 4-Chloro-3-methylphenol	11.84	107	107456	22.01 ng/ul	99
34) 2-Methylnaphthalene	12.21	142	208653	20.95 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	110458	21.23	ng/ul	99
37) Hexachlorocyclopentadiene	12.56	237	37233	14.01	ng/ul	97
38) 2,4,6-Trichlorophenol	12.83	196	74202	21.42	ng/ul	94
39) 2,4,5-Trichlorophenol	12.90	196	83912	21.83	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	280097	20.68	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	211620	20.66	ng/ul	98
42) 2-Nitroaniline	13.49	65	67792	21.50	ng/ul	97
44) Dimethylphthalate	13.86	163	283252	20.68	ng/ul	100
45) 2,6-Dinitrotoluene	13.98	165	58647	21.71	ng/ul	92
47) Acenaphthylene	14.12	152	355182	20.88	ng/ul	99
48) 3-Nitroaniline	14.32	138	60914	21.16	ng/ul	95
49) Acenaphthene	14.46	153	231785	20.68	ng/ul	98
50) 2,4-Dinitrophenol	14.53	184	20016	12.88	ng/ul	95
52) 4-Nitrophenol	14.63	109	38000	18.27	ng/ul	96
53) Dibenzofuran	14.80	168	338148	20.79	ng/ul	98
54) 2,4-Dinitrotoluene	14.77	165	86393	21.45	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.03	232	70165	21.47	ng/ul#	99
56) Diethylphthalate	15.22	149	290019	20.96	ng/ul	99
58) Fluorene	15.45	166	270627	21.28	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.45	204	135866	21.56	ng/ul	98
60) 4-Nitroaniline	15.48	138	62379	20.44	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.54	198	41728	17.14	ng/ul#	94
64) N-Nitrosodiphenylamine	15.66	169	242435	21.50	ng/ul	100
65) 4-Bromophenyl-phenylether	16.34	248	87581	22.18	ng/ul	97
66) Hexachlorobenzene	16.46	284	97500	22.01	ng/ul	98
67) Atrazine	16.62	200	94357	22.93	ng/ul	99
68) Pentachlorophenol	16.80	266	44562	18.11	ng/ul	97
69) Phenanthrene	17.19	178	456307	21.07	ng/ul	99
71) Anthracene	17.28	178	461500	21.37	ng/ul	99
72) Carbazole	17.56	167	414281	21.81	ng/ul	99
73) Di-n-butylphthalate	18.11	149	511565	22.08	ng/ul	100
74) Fluoranthene	19.21	202	531086	22.14	ng/ul	99
77) Pyrene	19.57	202	530555	24.64	ng/ul	99
78) Butylbenzylphthalate	20.47	149	223732	25.02	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.26	252	131404	19.69	ng/ul	99
80) Benzo(a)anthracene	21.33	228	447709	20.96	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	303592	24.44	ng/ul#	99
82) Chrysene	21.38	228	419860	20.72	ng/ul	99
84) Di-n-octyl phthalate	22.13	149	462721	27.25	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	365834	21.52	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	354860	22.18	ng/ul	99
88) Benzo(a)pyrene	23.52	252	342320	21.29	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.90	276	365437	20.83	ng/ul	97
90) Dibenzo(a,h)anthracene	25.91	278	309590	21.09	ng/ul	98
91) Benzo(g,h,i)perylene	26.60	276	306696	20.65	ng/ul	98

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

