

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071816\
 Data File : BM006516.D
 Acq On : 18 Jul 2016 10:34
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02038

Quant Time: Jul 19 00:59:08 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM071416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 15 23:20:22 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	153595	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	648328	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	368440	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.02	188	835586	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	952897	20.00	ng/ul	-0.01
83) Perylene-d12	23.41	264	1016675	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.13	96	28836	7.90	ng/uL	0.00
5) Phenol-d5	6.79	99	274446	21.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	170049	22.27	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.15	132	217127	21.29	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	213819	21.38	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	100283	20.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	110738	19.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	209375	19.98	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	270157	24.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	604045	20.03	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	766343	20.56	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	106954	20.42	ng/ul	0.00
57) Fluorene-d10	15.26	176	529822	19.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	88334	18.27	ng/ul	0.00
70) Anthracene-d10	17.12	188	820061	20.76	ng/ul	0.00
76) Pyrene-d10	19.42	212	911162	21.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	972998	20.93	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.17	88	30565	7.82	ng/uL# 17
4) Benzaldehyde	6.76	77	184601	24.28	ng/ul 97
6) Phenol	6.82	94	294519	22.20	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.05	93	224122	22.92	ng/ul 98
10) 2-Chlorophenol	7.18	128	225362	21.51	ng/ul 99
11) 2-Methylphenol	8.06	108	220279	22.29	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.15	45	321936	20.25	ng/ul 99
14) Acetophenone	8.43	105	348105	22.10	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.42	70	178654	21.49	ng/ul 99
16) 4-Methylphenol	8.39	108	236425	22.13	ng/ul 100
17) Hexachloroethane	8.68	117	92547	20.77	ng/ul 96
20) Nitrobenzene	8.81	77	266157	20.34	ng/ul 97
21) Isophorone	9.33	82	481810	20.62	ng/ul 100
23) 2-Nitrophenol	9.52	139	123661	20.24	ng/ul 97
24) 2,4-Dimethylphenol	9.58	107	262406	19.86	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.82	93	299921	21.46	ng/ul 99
27) 2,4-Dichlorophenol	10.05	162	208435	19.70	ng/ul 97
28) Naphthalene	10.44	128	685489	20.83	ng/ul 100
30) 4-Chloroaniline	10.56	127	283866	24.85	ng/ul 99
31) Hexachlorobutadiene	10.72	225	133169	18.44	ng/ul 100
32) Caprolactam	11.31	113	68473	20.38	ng/ul 93
33) 4-Chloro-3-methylphenol	11.69	107	237006	20.00	ng/ul 97
34) 2-Methylnaphthalene	12.06	142	501224	20.21	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	257614	19.93	ng/ul	99
37) Hexachlorocyclopentadiene	12.42	237	105108	15.44	ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	165132	19.68	ng/ul	99
39) 2,4,5-Trichlorophenol	12.76	196	171437	19.83	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	637066	20.97	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	496447	20.89	ng/ul	98
42) 2-Nitroaniline	13.34	65	167217	20.57	ng/ul	98
44) Dimethylphthalate	13.73	163	606156	19.81	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	123214	20.27	ng/ul	100
47) Acenaphthylene	13.99	152	812950	20.94	ng/ul	99
48) 3-Nitroaniline	14.18	138	136384	23.82	ng/ul	98
49) Acenaphthene	14.33	153	516851	20.69	ng/ul	99
50) 2,4-Dinitrophenol	14.40	184	50214	14.54	ng/ul	96
52) 4-Nitrophenol	14.50	109	102310	17.26	ng/ul	97
53) Dibenzofuran	14.67	168	748531	20.58	ng/ul	99
54) 2,4-Dinitrotoluene	14.64	165	180905	19.91	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.90	232	154303	19.70	ng/ul	99
56) Diethylphthalate	15.10	149	627831	19.45	ng/ul	98
58) Fluorene	15.32	166	591757	20.34	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.32	204	283724	19.18	ng/ul	96
60) 4-Nitroaniline	15.34	138	153204	22.56	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.41	198	97741	18.99	ng/ul	98
64) N-Nitrosodiphenylamine	15.53	169	527841	21.50	ng/ul	99
65) 4-Bromophenyl-phenylether	16.21	248	189859	20.39	ng/ul	98
66) Hexachlorobenzene	16.32	284	210675	20.29	ng/ul	98
67) Atrazine	16.49	200	193054	21.28	ng/ul	99
68) Pentachlorophenol	16.67	266	96836	19.40	ng/ul	97
69) Phenanthrene	17.06	178	961820	20.93	ng/ul	99
71) Anthracene	17.15	178	995058	21.06	ng/ul	99
72) Carbazole	17.42	167	907503	22.71	ng/ul	99
73) Di-n-butylphthalate	17.99	149	1080303	19.77	ng/ul	100
74) Fluoranthene	19.08	202	1151036	21.56	ng/ul	99
77) Pyrene	19.44	202	1214120	21.34	ng/ul	100
78) Butylbenzylphthalate	20.36	149	511409	20.44	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.14	252	401902	21.65	ng/ul	99
80) Benzo(a)anthracene	21.20	228	1207011	20.75	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.13	149	711294	20.48	ng/ul	100
82) Chrysene	21.25	228	1117113	20.40	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1328160	22.41	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	1248289	20.54	ng/ul	100
86) Benzo(k)fluoranthene	22.80	252	1229772	21.52	ng/ul	100
88) Benzo(a)pyrene	23.31	252	1229697	21.13	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.61	276	1434046	21.18	ng/ul	99
90) Dibenzo(a,h)anthracene	25.62	278	1194778	21.23	ng/ul	100
91) Benzo(g,h,i)perylene	26.28	276	1211199	20.24	ng/ul	99

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

