

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
 Data File : BM005464.D
 Acq On : 18 May 2016 10:43
 Operator : UM/SJ
 Sample : SSTD01039
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01039

Quant Time: May 18 11:55:16 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 18 11:54:13 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	41185	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	217408	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	149520	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	396207	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	585024	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	667209	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	4512	5.15	ng/uL	0.00
5) Phenol-d5	6.99	99	36922	9.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	22090	10.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	28207	10.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	31763	10.29	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	14699	9.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	15755	8.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	31739	9.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	48664	12.38	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	119371	9.96	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	138133	9.83	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	24131	11.03	ng/ul	0.00
57) Fluorene-d10	15.46	176	107584	10.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	17653	7.92	ng/ul	0.00
70) Anthracene-d10	17.30	188	179797	10.27	ng/ul	0.00
76) Pyrene-d10	19.59	212	224886	8.33	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	288177	9.76	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	4934	3.09	ng/uL	87
4) Benzaldehyde	6.98	77	23678	13.08	ng/ul	99
6) Phenol	7.02	94	38780	10.05	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.26	93	29535	10.16	ng/ul	96
10) 2-Chlorophenol	7.40	128	29531	10.23	ng/ul	95
11) 2-Methylphenol	8.27	108	30096	10.09	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.37	45	44017	11.16	ng/ul	98
14) Acetophenone	8.66	105	53184	11.63	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.64	70	28431	11.90	ng/ul	97
16) 4-Methylphenol	8.60	108	34782	10.50	ng/ul	97
17) Hexachloroethane	8.92	117	10895	10.03	ng/ul	95
20) Nitrobenzene	9.03	77	36697	9.44	ng/ul	97
21) Isophorone	9.56	82	77264	10.24	ng/ul	98
23) 2-Nitrophenol	9.74	139	17478	9.23	ng/ul	99
24) 2,4-Dimethylphenol	9.80	107	39795	9.91	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.05	93	46106	9.81	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	32825	9.81	ng/ul	96
28) Naphthalene	10.68	128	107358	9.81	ng/ul	98
30) 4-Chloroaniline	10.79	127	51740	12.91	ng/ul	98
31) Hexachlorobutadiene	10.96	225	19297	9.71	ng/ul	97
32) Caprolactam	11.53	113	12664	10.16	ng/ul	91
33) 4-Chloro-3-methylphenol	11.90	107	40807	10.17	ng/ul	92
34) 2-Methylnaphthalene	12.29	142	85362	10.43	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	43840	9.64	ng/ul	99
37) Hexachlorocyclopentadiene	12.64	237	23635	10.17	ng/ul	96
38) 2,4,6-Trichlorophenol	12.89	196	29512	9.74	ng/ul	91
39) 2,4,5-Trichlorophenol	12.96	196	33378	9.93	ng/ul	99
40) 1,1'-Biphenyl	13.30	154	117487	9.92	ng/ul	99
41) 2-Chloronaphthalene	13.35	162	89436	9.99	ng/ul	97
42) 2-Nitroaniline	13.54	65	26766	9.71	ng/ul	96
44) Dimethylphthalate	13.93	163	123583	10.32	ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	22340	9.46	ng/ul	94
47) Acenaphthylene	14.19	152	146436	9.85	ng/ul	98
48) 3-Nitroaniline	14.37	138	24913	9.90	ng/ul	99
49) Acenaphthene	14.53	153	100752	10.28	ng/ul	98
50) 2,4-Dinitrophenol	14.57	184	10816	7.96	ng/ul	88
52) 4-Nitrophenol	14.66	109	21668	11.91	ng/ul	93
53) Dibenzofuran	14.87	168	147064	10.34	ng/ul	99
54) 2,4-Dinitrotoluene	14.82	165	33059	9.39	ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	15.09	232	30888	10.81	ng/ul#	96
56) Diethylphthalate	15.29	149	128656	10.64	ng/ul	99
58) Fluorene	15.52	166	126147	11.35	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.51	204	60874	11.05	ng/ul	98
60) 4-Nitroaniline	15.52	138	28845	10.81	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.58	198	19087	8.15	ng/ul#	93
64) N-Nitrosodiphenylamine	15.72	169	109377	10.08	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	38666	10.18	ng/ul	96
66) Hexachlorobenzene	16.51	284	46011	10.80	ng/ul	96
67) Atrazine	16.67	200	43222	10.92	ng/ul	99
68) Pentachlorophenol	16.85	266	27598	11.66	ng/ul	98
69) Phenanthrene	17.25	178	220273	10.57	ng/ul	100
71) Anthracene	17.34	178	221515	10.66	ng/ul	98
72) Carbazole	17.60	167	212195	11.61	ng/ul	99
73) Di-n-butylphthalate	18.18	149	240071	10.77	ng/ul	100
74) Fluoranthene	19.26	202	281171	12.18	ng/ul	98
77) Pyrene	19.62	202	305315	9.00	ng/ul	99
78) Butylbenzylphthalate	20.53	149	120743	8.57	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.30	252	118663	11.28	ng/ul	99
80) Benzo(a)anthracene	21.37	228	339131	10.08	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	193265	9.87	ng/ul	98
82) Chrysene	21.42	228	322147	10.09	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	341570	8.76	ng/ul	99
85) Benzo(b)fluoranthene	22.98	252	374405	9.60	ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	374586	10.20	ng/ul	99
88) Benzo(a)pyrene	23.57	252	378411	10.26	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.98	276	496224	12.33	ng/ul	97
90) Dibenzo(a,h)anthracene	26.00	278	417602	12.40	ng/ul	98
91) Benzo(g,h,i)perylene	26.69	276	420787	12.34	ng/ul	97

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

