

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062116\
 Data File : BM005875.D
 Acq On : 21 Jun 2016 02:08
 Operator : UM/SJ
 Sample : SSTD01035
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD01035

Quant Time: Jun 21 05:30:31 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062116.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 21 05:29:43 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	216542	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1119232	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	749614	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1841039	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	2110782	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	2094052	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	23270	4.52	ng/uL	0.00
5) Phenol-d5	6.85	99	235031	12.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	144483	12.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	173191	11.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	202377	12.81	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	75464	8.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	74188	8.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	190570	10.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	213970	11.75	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	718032	11.20	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	868505	11.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	112420	9.59	ng/ul	0.00
57) Fluorene-d10	15.32	176	617638	11.21	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	46285	4.75	ng/ul	0.00
70) Anthracene-d10	17.17	188	980128	10.90	ng/ul	0.00
76) Pyrene-d10	19.47	212	1144288	11.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1106554	10.96	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	40828	4.55	ng/uL	92
4) Benzaldehyde	6.83	77	28822	3.04	ng/ul	94
6) Phenol	6.87	94	242515	12.34	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.11	93	193421	12.94	ng/ul	98
10) 2-Chlorophenol	7.25	128	179219	11.49	ng/ul	99
11) 2-Methylphenol	8.12	108	191232	12.73	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.22	45	278155	13.66	ng/ul	99
14) Acetophenone	8.50	105	325395	13.63	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.48	70	173143	13.49	ng/ul	97
16) 4-Methylphenol	8.44	108	216774	13.13	ng/ul	99
17) Hexachloroethane	8.75	117	67930	11.10	ng/ul	98
20) Nitrobenzene	8.87	77	206915	9.81	ng/ul	99
21) Isophorone	9.39	82	503802	12.15	ng/ul	99
23) 2-Nitrophenol	9.58	139	84000	8.41	ng/ul	97
24) 2,4-Dimethylphenol	9.64	107	249657	11.42	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.88	93	294878	12.08	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	190906	10.63	ng/ul	99
28) Naphthalene	10.51	128	635244	10.97	ng/ul	99
30) 4-Chloroaniline	10.62	127	223090	11.94	ng/ul	99
31) Hexachlorobutadiene	10.80	225	106340	9.23	ng/ul	96
32) Caprolactam	11.37	113	85205	13.11	ng/ul	96
33) 4-Chloro-3-methylphenol	11.74	107	251129	12.23	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	495248	11.49	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.50	216	241208	9.45	ng/ul	99
37) Hexachlorocyclopentadiene	12.48	237	101905	6.65	ng/ul	97
38) 2,4,6-Trichlorophenol	12.74	196	162227	9.61	ng/ul	97
39) 2,4,5-Trichlorophenol	12.81	196	180271	9.71	ng/ul	99
40) 1,1'-Biphenyl	13.16	154	671090	10.41	ng/ul	100
41) 2-Chloronaphthalene	13.19	162	499499	10.11	ng/ul	98
42) 2-Nitroaniline	13.40	65	131482	8.92	ng/ul	99
44) Dimethylphthalate	13.79	163	707128	11.18	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	101794	8.32	ng/ul	98
47) Acenaphthylene	14.04	152	891647	11.12	ng/ul	99
48) 3-Nitroaniline	14.23	138	125325	10.63	ng/ul#	98
49) Acenaphthene	14.39	153	589874	11.16	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	23291	3.80	ng/ul	93
52) 4-Nitrophenol	14.53	109	105404	9.08	ng/ul	98
53) Dibenzofuran	14.73	168	839310	11.11	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	153544	8.61	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.95	232	159003	9.85	ng/ul	99
56) Diethylphthalate	15.16	149	778265	11.93	ng/ul	99
58) Fluorene	15.37	166	687651	11.37	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.38	204	323246	10.89	ng/ul	99
60) 4-Nitroaniline	15.39	138	143599	10.18	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.45	198	50484	4.90	ng/ul#	98
64) N-Nitrosodiphenylamine	15.59	169	623580	10.85	ng/ul	100
65) 4-Bromophenyl-phenylether	16.27	248	211985	10.21	ng/ul	99
66) Hexachlorobenzene	16.37	284	233945	9.93	ng/ul	95
67) Atrazine	16.54	200	216572	10.26	ng/ul	96
68) Pentachlorophenol	16.72	266	109149	7.94	ng/ul	100
69) Phenanthrene	17.12	178	1177799	11.10	ng/ul	99
71) Anthracene	17.20	178	1200462	11.13	ng/ul	99
72) Carbazole	17.47	167	1151674	12.08	ng/ul	99
73) Di-n-butylphthalate	18.06	149	1409642	12.03	ng/ul	100
74) Fluoranthene	19.13	202	1412250	11.75	ng/ul	98
77) Pyrene	19.50	202	1463923	11.54	ng/ul	98
78) Butylbenzylphthalate	20.42	149	648028	11.85	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.19	252	457879	11.61	ng/ul	99
80) Benzo(a)anthracene	21.25	228	1447166	11.27	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.20	149	991168	12.75	ng/ul	99
82) Chrysene	21.30	228	1371718	11.26	ng/ul	100
84) Di-n-octyl phthalate	22.08	149	1682006	12.94	ng/ul	100
85) Benzo(b)fluoranthene	22.82	252	1459219	11.40	ng/ul	99
86) Benzo(k)fluoranthene	22.87	252	1409353	11.61	ng/ul	99
88) Benzo(a)pyrene	23.39	252	1365094	11.07	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.72	276	1383208	9.74	ng/ul	98
90) Dibenzo(a,h)anthracene	25.73	278	1140800	9.66	ng/ul	99
91) Benzo(g,h,i)perylene	26.40	276	1134622	9.51	ng/ul	98

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

