

Data Path : Z:\HPCHEM1\BNA M\DATA\BM061616\
 Data File : BM005813.D
 Acq On : 15 Jun 2016 14:12
 Operator : UM/SJ
 Sample : SSTD16045
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y34

Quant Time: Jun 15 14:44:34 2016
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM061616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 15 14:30:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	64332	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	339224	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	213282	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	505201	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	427086	20.00	ng/ul	0.01
83) Perylene-d12	23.57	264	400447	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	74279	58.68	ng/uL	0.00
5) Phenol-d5	6.93	99	961916	180.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.08	67	497274	164.24	ng/ul	0.01
9) 2-Chlorophenol-d4	7.28	132	758022	180.03	ng/ul	0.01
13) 4-Methylphenol-d8	8.48	113	822939	182.40	ng/ul	0.02
19) Nitrobenzene-d5	8.91	128	406622	173.07	ng/ul	0.01
22) 2-Nitrophenol-d4	9.63	143	462633	176.50	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.17	165	805811	161.82	ng/ul	0.01
29) 4-Chloroaniline-d4	10.67	131	592478	101.51	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	2382279	141.43	ng/ul	0.02
46) Acenaphthylene-d8	14.09	160	2746235	136.91	ng/ul	0.01
51) 4-Nitrophenol-d4	14.66	143	433158	147.12	ng/ul	0.04
57) Fluorene-d10	15.39	176	1851624	125.09	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.54	200	439115	152.81	ng/ul	0.02
70) Anthracene-d10	17.24	188	2784744	122.93	ng/ul	0.02
76) Pyrene-d10	19.53	212	2983414	153.44	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.44	264	2604953	145.19	ng/ul	0.02

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.22	88	126860	54.01	ng/ul	99
4) Benzaldehyde	6.88	77	110792	41.93	ng/ul	97
6) Phenol	6.96	94	943945	170.16	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	685421	161.15	ng/ul	99
10) 2-Chlorophenol	7.31	128	746364	172.50	ng/ul	99
11) 2-Methylphenol	8.20	108	762263	176.05	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.27	45	881616	160.27	ng/ul	100
14) Acetophenone	8.57	105	1014485	149.41	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.59	70	541717	159.29	ng/ul	99
16) 4-Methylphenol	8.55	108	786412	163.22	ng/ul	95
17) Hexachloroethane	8.80	117	277546	161.09	ng/ul	91
20) Nitrobenzene	8.96	77	886309	153.31	ng/ul	99
21) Isophorone	9.49	82	1765583	160.81	ng/ul	100
23) 2-Nitrophenol	9.66	139	472216	165.75	ng/ul	97
24) 2,4-Dimethylphenol	9.73	107	886653	144.54	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.95	93	1021337	149.68	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	772528	150.92	ng/ul	99
28) Naphthalene	10.59	128	2307007	134.84	ng/ul	100
30) 4-Chloroaniline	10.70	127	613809	103.29	ng/ul	100
31) Hexachlorobutadiene	10.86	225	442141	130.92	ng/ul	98
32) Caprolactam	11.55	113	191277	108.06	ng/ul	95
33) 4-Chloro-3-methylphenol	11.87	107	905508	154.72	ng/ul	97
34) 2-Methylnaphthalene	12.20	142	1682716	132.87	ng/ul	100

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36) 1,2,4,5-Tetrachlorobenzene	12.57	216	917841	137.76	ng/ul	98
37) Hexachlorocyclopentadiene	12.54	237	403756	102.12	ng/ul	98
38) 2,4,6-Trichlorophenol	12.83	196	659617	155.63	ng/ul	98
39) 2,4,5-Trichlorophenol	12.92	196	718776	151.39	ng/ul	100
40) 1,1'-Biphenyl	13.22	154	2150336	127.45	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	1737037	135.35	ng/ul	99
42) 2-Nitroaniline	13.49	65	624916	179.54	ng/ul	98
44) Dimethylphthalate	13.86	163	2257365	133.62	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	550416	168.71	ng/ul	96
47) Acenaphthylene	14.12	152	2651705	124.94	ng/ul	99
48) 3-Nitroaniline	14.33	138	515325	155.27	ng/ul	94
49) Acenaphthene	14.46	153	1767385	126.56	ng/ul	99
50) 2,4-Dinitrophenol	14.54	184	302245	158.72	ng/ul	98
52) 4-Nitrophenol	14.67	109	356054	135.24	ng/ul	94
53) Dibenzofuran	14.80	168	2230279	108.30	ng/ul	94
54) 2,4-Dinitrotoluene	14.79	165	630807	127.26	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.03	232	595841	144.55	ng/ul	99
56) Diethylphthalate	15.22	149	2243033	131.56	ng/ul	98
58) Fluorene	15.45	166	1752698	109.63	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.43	204	881997	109.34	ng/ul	97
60) 4-Nitroaniline	15.52	138	571389	159.63	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.57	198	441020	145.73	ng/ul#	92
64) N-Nitrosodiphenylamine	15.66	169	1798902	129.54	ng/ul	98
65) 4-Bromophenyl-phenylether	16.33	248	677764	137.45	ng/ul	99
66) Hexachlorobenzene	16.45	284	752596	133.99	ng/ul	98
67) Atrazine	16.62	200	666120	130.18	ng/ul	98
68) Pentachlorophenol	16.80	266	413827	127.75	ng/ul	99
69) Phenanthrene	17.19	178	3251394	120.93	ng/ul	98
71) Anthracene	17.28	178	3037476	112.07	ng/ul	98
72) Carbazole	17.55	167	3156658	135.82	ng/ul	98
73) Di-n-butylphthalate	18.10	149	3580743	131.57	ng/ul	99
74) Fluoranthene	19.20	202	3626643	122.56	ng/ul	96
77) Pyrene	19.57	202	3325414	134.79	ng/ul	94
78) Butylbenzylphthalate	20.45	149	1665584	175.53	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.24	252	1102792	144.36	ng/ul	99
80) Benzo(a)anthracene	21.31	228	3348371	136.97	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.22	149	2123536	159.34	ng/ul#	99
82) Chrysene	21.37	228	2996739	128.11	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	3848195	154.58	ng/ul	98
85) Benzo(b)fluoranthene	22.91	252	3583062	148.55	ng/ul	99
86) Benzo(k)fluoranthene	22.96	252	2733332	116.54	ng/ul	98
88) Benzo(a)pyrene	23.50	252	2960647	131.45	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.90	276	3111687	144.80	ng/ul	98
90) Dibenzo(a,h)anthracene	25.90	278	2520135	140.37	ng/ul	98
91) Benzo(g,h,i)perylene	26.59	276	2808194	159.73	ng/ul	98

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

