

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051515\
 Data File : BM001292.D
 Acq On : 14 May 2015 14:14
 Operator : TP/IZ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02080

Quant Time: May 14 17:39:58 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 14 05:09:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	159419	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	653866	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	357092	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	756422	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	790230	20.00	ng/ul	0.00
83) Perylene-d12	23.19	264	767479	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.87	96	26543	7.92	ng/uL	0.00
5) Phenol-d5	6.63	99	234384	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	151226	20.27	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	202476	20.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	192595	19.61	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	92470	21.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	103029	21.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	199666	20.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	256180	21.80	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	489190	20.77	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	721723	20.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.34	143	92550	19.54	ng/ul	0.00
57) Fluorene-d10	15.12	176	480670	20.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	86657	19.18	ng/ul	0.00
70) Anthracene-d10	16.96	188	705767	20.23	ng/ul	0.00
76) Pyrene-d10	19.27	212	746699	20.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.06	264	699537	20.80	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	2.90	88	31099	8.47 ng/uL	94
4) Benzaldehyde	6.58	77	162319	23.28 ng/ul	97
6) Phenol	6.66	94	253782	19.95 ng/ul	99
8) Bis(2-Chloroethyl)ether	6.87	93	199897	19.85 ng/ul	99
10) 2-Chlorophenol	7.00	128	212571	21.09 ng/ul	99
11) 2-Methylphenol	7.90	108	191903	19.93 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.99	45	363357	20.25 ng/ul	99
14) Acetophenone	8.26	105	319212	20.01 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.25	70	158795	21.22 ng/ul	98
16) 4-Methylphenol	8.23	108	211358	19.99 ng/ul	96
17) Hexachloroethane	8.50	117	87529	20.84 ng/ul	99
20) Nitrobenzene	8.64	77	244971	21.12 ng/ul	98
21) Isophorone	9.16	82	406408	20.97 ng/ul	98
23) 2-Nitrophenol	9.35	139	113973	21.40 ng/ul	99
24) 2,4-Dimethylphenol	9.42	107	234265	20.78 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.65	93	263247	20.75 ng/ul	97
27) 2,4-Dichlorophenol	9.88	162	196943	20.96 ng/ul	98
28) Naphthalene	10.27	128	686318	20.46 ng/ul	100
30) 4-Chloroaniline	10.39	127	258190	21.50 ng/ul	97
31) Hexachlorobutadiene	10.56	225	123768	20.59 ng/ul	99
32) Caprolactam	11.13	113	55158	19.86 ng/ul	94
33) 4-Chloro-3-methylphenol	11.53	107	204414	20.97 ng/ul	98
34) 2-Methylnaphthalene	11.90	142	476413	20.40 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.28	216	232140	20.61	ng/ul	99
37) Hexachlorocyclopentadiene	12.26	237	125230	19.43	ng/ul	96
38) 2,4,6-Trichlorophenol	12.53	196	142131	21.63	ng/ul	96
39) 2,4,5-Trichlorophenol	12.60	196	159375	21.64	ng/ul	97
40) 1,1'-Biphenyl	12.94	154	610766	20.67	ng/ul	100
41) 2-Chloronaphthalene	12.97	162	473243	20.59	ng/ul	98
42) 2-Nitroaniline	13.19	65	132511	22.05	ng/ul	98
44) Dimethylphthalate	13.58	163	553181	20.86	ng/ul	99
45) 2,6-Dinitrotoluene	13.70	165	108264	21.55	ng/ul	97
47) Acenaphthylene	13.83	152	772394	20.94	ng/ul	99
48) 3-Nitroaniline	14.03	138	116944	20.87	ng/ul	100
49) Acenaphthene	14.18	153	506105	20.60	ng/ul	99
50) 2,4-Dinitrophenol	14.24	184	53733	17.89	ng/ul	96
52) 4-Nitrophenol	14.36	109	77388	19.87	ng/ul	99
53) Dibenzofuran	14.52	168	699835	20.56	ng/ul	99
54) 2,4-Dinitrotoluene	14.50	165	160048	21.60	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.76	232	124490	21.37	ng/ul	97
56) Diethylphthalate	14.96	149	546779	20.69	ng/ul	99
58) Fluorene	15.17	166	579507	20.55	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.17	204	277725	20.64	ng/ul	98
60) 4-Nitroaniline	15.20	138	114794	19.27	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.27	198	94628	19.37	ng/ul#	99
64) N-Nitrosodiphenylamine	15.39	169	471844	20.43	ng/ul	99
65) 4-Bromophenyl-phenylether	16.07	248	153855	20.50	ng/ul	97
66) Hexachlorobenzene	16.18	284	165796	20.11	ng/ul	99
67) Atrazine	16.35	200	157149	20.45	ng/ul	96
68) Pentachlorophenol	16.53	266	87553	19.16	ng/ul	96
69) Phenanthrene	16.91	178	866281	20.35	ng/ul	99
71) Anthracene	17.00	178	890724	20.54	ng/ul	99
72) Carbazole	17.27	167	789525	19.98	ng/ul	99
73) Di-n-butylphthalate	17.85	149	878423	21.30	ng/ul	100
74) Fluoranthene	18.93	202	959471	20.22	ng/ul	99
77) Pyrene	19.30	202	1019160	20.70	ng/ul	99
78) Butylbenzylphthalate	20.22	149	381699	22.64	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.00	252	300175	21.17	ng/ul	95
80) Benzo(a)anthracene	21.06	228	964100	20.87	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.00	149	582732	22.57	ng/ul	100
82) Chrysene	21.11	228	886840	20.19	ng/ul	99
84) Di-n-octyl phthalate	21.85	149	974595	20.96	ng/ul	100
85) Benzo(b)fluoranthene	22.56	252	920037	20.46	ng/ul	98
86) Benzo(k)fluoranthene	22.60	252	916643	20.73	ng/ul	99
88) Benzo(a)pyrene	23.10	252	903991	20.68	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.27	276	1022879	20.51	ng/ul	98
90) Dibenzo(a,h)anthracene	25.28	278	858856	20.57	ng/ul	99
91) Benzo(g,h,i)perylene	25.91	276	881849	20.72	ng/ul	97

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

