

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020315\
 Data File : BM000409.D
 Acq On : 03 Feb 2015 09:20
 Operator : TP/IZ
 Sample : SSTD00565
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD00565

Quant Time: Feb 03 12:06:37 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 03 11:57:15 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	132055	20.00	ng/ul	0.00
18) Naphthalene-d8	10.54	136	565443	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	404602	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	993788	20.00	ng/ul	0.00
75) Chrysene-d12	21.33	240	1041561	20.00	ng/ul	0.00
83) Perylene-d12	23.59	264	858264	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	4744	2.13	ng/uL	0.00
5) Phenol-d5	6.92	99	41314	4.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	28764	5.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	36226	4.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	35580	4.44	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	15246	4.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	17933	4.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	41391	4.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	37132	4.57	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	142520	4.72	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	182714	4.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	16949	3.35	ng/ul	0.00
57) Fluorene-d10	15.39	176	152406	5.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	17075	3.25	ng/ul	0.00
70) Anthracene-d10	17.24	188	232761	5.13	ng/ul	0.00
76) Pyrene-d10	19.54	212	256843	4.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.44	264	187522	4.75	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	6092	2.30	ng/uL#	85
4) Benzaldehyde	6.90	77	13224	4.34	ng/ul	92
6) Phenol	6.94	94	42916	4.49	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.17	93	37108	5.04	ng/ul	97
10) 2-Chlorophenol	7.32	128	37803	4.84	ng/ul#	87
11) 2-Methylphenol	8.19	108	35564	4.57	ng/ul	89
12) 2,2'-oxybis(1-Chloropropan	8.29	45	83816	5.44	ng/ul	97
14) Acetophenone	8.57	105	64896	4.85	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	29787	4.64	ng/ul	94
16) 4-Methylphenol	8.52	108	38239	4.50	ng/ul	84
17) Hexachloroethane	8.82	117	17398	4.85	ng/ul	91
20) Nitrobenzene	8.95	77	47058	4.58	ng/ul	93
21) Isophorone	9.47	82	82067	4.54	ng/ul	95
23) 2-Nitrophenol	9.66	139	17414	4.10	ng/ul	95
24) 2,4-Dimethylphenol	9.72	107	51279	4.71	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.96	93	52278	5.08	ng/ul	96
27) 2,4-Dichlorophenol	10.19	162	41206	4.74	ng/ul	99
28) Naphthalene	10.59	128	143572	5.11	ng/ul	99
30) 4-Chloroaniline	10.70	127	38051	4.52	ng/ul	97
31) Hexachlorobutadiene	10.88	225	34900	5.14	ng/ul	95
32) Caprolactam	11.45	113	9238	3.91	ng/ul	85
33) 4-Chloro-3-methylphenol	11.83	107	46543	4.64	ng/ul	92
34) 2-Methylnaphthalene	12.21	142	111427	5.20	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.58	216	65684	5.08	ng/ul	96
37) Hexachlorocyclopentadiene	12.56	237	30931	3.83	ng/ul#	86
38) 2,4,6-Trichlorophenol	12.83	196	32639	4.42	ng/ul	94
39) 2,4,5-Trichlorophenol	12.83	196	32639	3.91	ng/ul	94
40) 1,1'-Biphenyl	13.23	154	163635	5.13	ng/ul	98
41) 2-Chloronaphthalene	13.27	162	124216	5.05	ng/ul	98
42) 2-Nitroaniline	13.47	65	27955	3.94	ng/ul	89
44) Dimethylphthalate	13.85	163	160681	4.91	ng/ul	98
45) 2,6-Dinitrotoluene	13.97	165	21681	3.71	ng/ul#	95
47) Acenaphthylene	14.12	152	197810	4.95	ng/ul	96
48) 3-Nitroaniline	14.30	138	20661	3.91	ng/ul	95
49) Acenaphthene	14.46	153	134285	5.15	ng/ul	95
50) 2,4-Dinitrophenol	14.52	184	7874	2.42	ng/ul#	73
52) 4-Nitrophenol	14.60	109	25957	3.49	ng/ul	92
53) Dibenzofuran	14.80	168	201659	5.16	ng/ul	93
54) 2,4-Dinitrotoluene	14.76	165	37344	4.19	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	15.03	232	31483	4.30	ng/ul#	92
56) Diethylphthalate	15.22	149	164293	4.77	ng/ul	98
58) Fluorene	15.45	166	168138	5.19	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.45	204	84165	4.97	ng/ul	97
60) 4-Nitroaniline	15.47	138	22547	3.65	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.52	198	21406	3.88	ng/ul#	98
64) N-Nitrosodiphenylamine	15.66	169	136414	4.96	ng/ul	97
65) 4-Bromophenyl-phenylether	16.34	248	51445	5.02	ng/ul	94
66) Hexachlorobenzene	16.45	284	59632	5.11	ng/ul	95
67) Atrazine	16.60	200	46887	4.51	ng/ul	93
68) Pentachlorophenol	16.79	266	21778	3.47	ng/ul	86
69) Phenanthrene	17.19	178	272899	5.12	ng/ul	98
71) Anthracene	17.27	178	274463	5.10	ng/ul	100
72) Carbazole	17.54	167	227484	4.93	ng/ul	99
73) Di-n-butylphthalate	18.11	149	239412	4.51	ng/ul	99
74) Fluoranthene	19.20	202	313334	5.21	ng/ul	98
77) Pyrene	19.57	202	340303	5.01	ng/ul	97
78) Butylbenzylphthalate	20.47	149	96589	4.00	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.26	252	71889	4.06	ng/ul	97
80) Benzo(a)anthracene	21.32	228	300179	4.98	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.25	149	140188	4.13	ng/ul	99
82) Chrysene	21.37	228	297523	5.23	ng/ul	95
84) Di-n-octyl phthalate	22.13	149	225872	3.80	ng/ul	100
85) Benzo(b)fluoranthene	22.91	252	259436	4.77	ng/ul	99
86) Benzo(k)fluoranthene	22.91	252	131559	2.56	ng/ul	99
88) Benzo(a)pyrene	23.49	252	234215	4.76	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	25.86	276	222326	4.59	ng/ul	98
90) Dibenzo(a,h)anthracene	25.87	278	187325	4.63	ng/ul#	97
91) Benzo(g,h,i)perylene	26.56	276	187239	4.68	ng/ul	95

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

