

Data Path : Z:\HPCHEM1\BNA_M\Data\BM020915\
 Data File : BM000474.D
 Acq On : 11 Feb 2015 01:04
 Operator : TP/IZ
 Sample : SSTD02096
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 LabSampleId :
 SSTD02096

Quant Time: Feb 11 04:13:13 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM020615.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 11 04:03:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	98249	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	391260	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	243954	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	541585	20.00	ng/ul	0.00
75) Chrysene-d12	21.31	240	567589	20.00	ng/ul	0.00
83) Perylene-d12	23.55	264	528173	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.19	96	12963	7.24	ng/uL	0.00
5) Phenol-d5	6.89	99	139187	21.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	82096	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	118898	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	115127	21.29	ng/ul	0.00
19) Nitrobenzene-d5	8.88	128	52032	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.60	143	62089	22.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	126795	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	124067	22.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.78	166	349649	20.80	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	470406	20.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	60239	21.90	ng/ul	0.00
57) Fluorene-d10	15.37	176	343529	20.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	61368	21.41	ng/ul	0.00
70) Anthracene-d10	17.22	188	518564	21.05	ng/ul	0.00
76) Pyrene-d10	19.52	212	560129	20.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.41	264	492476	20.88	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.23	88	16059	8.08	ng/uL	92
4) Benzaldehyde	6.87	77	43839	20.41	ng/ul	97
6) Phenol	6.92	94	141488	20.97	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	113308	20.84	ng/ul	99
10) 2-Chlorophenol	7.29	128	120593	20.76	ng/ul	97
11) 2-Methylphenol	8.16	108	112160	21.33	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	220256	20.05	ng/ul	98
14) Acetophenone	8.55	105	186226	20.61	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.53	70	88423	21.33	ng/ul#	97
16) 4-Methylphenol	8.49	108	121094	21.26	ng/ul	94
17) Hexachloroethane	8.79	117	51793	20.05	ng/ul	97
20) Nitrobenzene	8.92	77	141535	21.07	ng/ul	95
21) Isophorone	9.44	82	238808	21.35	ng/ul	99
23) 2-Nitrophenol	9.63	139	66917	22.34	ng/ul	90
24) 2,4-Dimethylphenol	9.69	107	145414	20.48	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.93	93	146341	21.39	ng/ul	99
27) 2,4-Dichlorophenol	10.16	162	124358	21.35	ng/ul	96
28) Naphthalene	10.56	128	403661	20.48	ng/ul	98
30) 4-Chloroaniline	10.67	127	125680	22.28	ng/ul	100
31) Hexachlorobutadiene	10.85	225	90432	20.12	ng/ul	95
32) Caprolactam	11.42	113	28178	22.08	ng/ul	88
33) 4-Chloro-3-methylphenol	11.80	107	129968	21.30	ng/ul	97
34) 2-Methylnaphthalene	12.18	142	293089	20.69	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.56	216	161382	20.08	ng/ul	96
37) Hexachlorocyclopentadiene	12.53	237	88973	18.81	ng/ul	99
38) 2,4,6-Trichlorophenol	12.80	196	95094	22.16	ng/ul	99
39) 2,4,5-Trichlorophenol	12.86	196	106101	21.59	ng/ul	94
40) 1,1'-Biphenyl	13.20	154	397441	20.31	ng/ul	99
41) 2-Chloronaphthalene	13.24	162	307893	20.31	ng/ul	98
42) 2-Nitroaniline	13.45	65	82824	21.29	ng/ul	95
44) Dimethylphthalate	13.83	163	376913	20.40	ng/ul	99
45) 2,6-Dinitrotoluene	13.95	165	71830	21.96	ng/ul	95
47) Acenaphthylene	14.09	152	495928	20.69	ng/ul	99
48) 3-Nitroaniline	14.28	138	69353	22.54	ng/ul	99
49) Acenaphthene	14.44	153	321190	20.27	ng/ul	96
50) 2,4-Dinitrophenol	14.49	184	34724	20.90	ng/ul	96
52) 4-Nitrophenol	14.59	109	67006	19.87	ng/ul	91
53) Dibenzofuran	14.77	168	472934	20.45	ng/ul	94
54) 2,4-Dinitrotoluene	14.74	165	109163	22.92	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.00	232	86392	21.76	ng/ul	94
56) Diethylphthalate	15.20	149	375798	20.75	ng/ul	99
58) Fluorene	15.42	166	384611	20.60	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.42	204	193607	19.95	ng/ul	97
60) 4-Nitroaniline	15.45	138	74283	21.63	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.50	198	63792	21.15	ng/ul	99
64) N-Nitrosodiphenylamine	15.63	169	326240	21.12	ng/ul	99
65) 4-Bromophenyl-phenylether	16.31	248	112433	20.24	ng/ul	98
66) Hexachlorobenzene	16.43	284	127821	20.27	ng/ul	97
67) Atrazine	16.59	200	109491	21.58	ng/ul	98
68) Pentachlorophenol	16.77	266	63765	20.62	ng/ul	99
69) Phenanthrene	17.16	178	604370	20.66	ng/ul	99
71) Anthracene	17.25	178	616907	20.84	ng/ul	99
72) Carbazole	17.52	167	545635	21.75	ng/ul	99
73) Di-n-butylphthalate	18.09	149	594985	22.38	ng/ul	99
74) Fluoranthene	19.18	202	693957	21.47	ng/ul	98
77) Pyrene	19.54	202	736098	20.92	ng/ul	99
78) Butylbenzylphthalate	20.44	149	268115	23.06	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.23	252	210772	22.96	ng/ul#	98
80) Benzo(a)anthracene	21.30	228	679477	20.98	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.22	149	378428	22.97	ng/ul	99
82) Chrysene	21.34	228	644246	20.86	ng/ul	99
84) Di-n-octyl phthalate	22.10	149	645666	22.63	ng/ul	100
85) Benzo(b)fluoranthene	22.87	252	641969	20.48	ng/ul	96
86) Benzo(k)fluoranthene	22.92	252	638349	21.10	ng/ul	99
88) Benzo(a)pyrene	23.46	252	628002	21.11	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.81	276	685604	20.79	ng/ul	98
90) Dibenzo(a,h)anthracene	25.83	278	580422	21.12	ng/ul	99
91) Benzo(g,h,i)perylene	26.51	276	576656	20.63	ng/ul	99

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

