

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020315\
 Data File : BM000414.D
 Acq On : 03 Feb 2015 12:17
 Operator : TP/IZ
 Sample : SSTD16070
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD16070

Quant Time: Feb 03 12:56:14 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM020315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 03 12:30:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	161023	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	676580	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	458717	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1100877	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	973923	20.00	ng/ul	0.00
83) Perylene-d12	23.60	264	717235	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	152111	143.38	ng/uL	0.00
5) Phenol-d5	6.94	99	1917403	167.00	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.10	67	1073819	153.99	ng/ul	0.01
9) 2-Chlorophenol-d4	7.29	132	1620169	170.31	ng/ul	0.01
13) 4-Methylphenol-d8	8.48	113	1630950	164.72	ng/ul	0.02
19) Nitrobenzene-d5	8.93	128	757219	179.49	ng/ul	0.02
22) 2-Nitrophenol-d4	9.65	143	889763	184.02	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.18	165	1832410	171.02	ng/ul	0.02
29) 4-Chloroaniline-d4	10.69	131	1456589	143.87	ng/ul	0.01
43) Dimethylphthalate-d6	13.83	166	5457315	160.49	ng/ul	0.02
46) Acenaphthylene-d8	14.10	160	7034123	161.15	ng/ul	0.01
51) 4-Nitrophenol-d4	14.64	143	1011078	180.68	ng/ul	0.04
57) Fluorene-d10	15.41	176	5173363	155.79	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.54	200	1093358	188.12	ng/ul	0.03
70) Anthracene-d10	17.26	188	8025487	158.39	ng/ul	0.02
76) Pyrene-d10	19.56	212	8366520	170.81	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.47	264	5294240	160.58	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.25	88	170909	136.47	ng/uL	97
4) Benzaldehyde	6.90	77	572849	154.16	ng/ul	95
6) Phenol	6.97	94	1942240	165.74	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.19	93	1407363	154.88	ng/ul	98
10) 2-Chlorophenol	7.33	128	1632597	168.42	ng/ul	99
11) 2-Methylphenol	8.20	108	1585511	165.45	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.29	45	2858896	148.25	ng/ul	99
14) Acetophenone	8.59	105	2598992	157.19	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.60	70	1278908	162.07	ng/ul	95
16) 4-Methylphenol	8.56	108	1689140	162.94	ng/ul	97
17) Hexachloroethane	8.83	117	710126	160.25	ng/ul	92
20) Nitrobenzene	8.97	77	2040824	164.68	ng/ul	96
21) Isophorone	9.50	82	3623851	166.95	ng/ul	99
23) 2-Nitrophenol	9.67	139	909022	177.01	ng/ul	95
24) 2,4-Dimethylphenol	9.74	107	2159259	163.44	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.97	93	1938701	156.06	ng/ul	99
27) 2,4-Dichlorophenol	10.21	162	1737615	165.98	ng/ul	97
28) Naphthalene	10.60	128	5277425	156.50	ng/ul	99
30) 4-Chloroaniline	10.72	127	1486859	141.59	ng/ul	100
31) Hexachlorobutadiene	10.89	225	1300711	159.71	ng/ul	99
32) Caprolactam	11.54	113	291326	101.83	ng/ul	95
33) 4-Chloro-3-methylphenol	11.86	107	2008228	165.25	ng/ul	98
34) 2-Methylnaphthalene	12.22	142	4040723	155.59	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.59	216	2299704	156.09	ng/ul	98
37) Hexachlorocyclopentadiene	12.57	237	1585702	180.54	ng/ul	95
38) 2,4,6-Trichlorophenol	12.83	196	1516208	180.59	ng/ul	97
39) 2,4,5-Trichlorophenol	12.92	196	1640532	174.95	ng/ul	97
40) 1,1'-Biphenyl	13.24	154	5606020	155.03	ng/ul	97
41) 2-Chloronaphthalene	13.28	162	4337126	156.15	ng/ul	99
42) 2-Nitroaniline	13.50	65	1511136	187.18	ng/ul	98
44) Dimethylphthalate	13.87	163	5789876	156.40	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	1221442	185.68	ng/ul	97
47) Acenaphthylene	14.13	152	7118568	157.04	ng/ul	98
48) 3-Nitroaniline	14.33	138	934353	152.78	ng/ul	95
49) Acenaphthene	14.47	153	4698435	158.49	ng/ul	97
50) 2,4-Dinitrophenol	14.53	184	794463	223.72	ng/ul	98
52) 4-Nitrophenol	14.66	109	1434173	173.80	ng/ul	97
53) Dibenzofuran	14.81	168	6752252	152.87	ng/ul	95
54) 2,4-Dinitrotoluene	14.79	165	1813843	177.63	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.04	232	1515129	179.86	ng/ul	98
56) Diethylphthalate	15.24	149	6258182	161.11	ng/ul	99
58) Fluorene	15.46	166	5957913	162.02	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.46	204	3041051	160.23	ng/ul	95
60) 4-Nitroaniline	15.52	138	1148003	162.07	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.56	198	1109750	179.93	ng/ul	99
64) N-Nitrosodiphenylamine	15.67	169	4927492	160.82	ng/ul	96
65) 4-Bromophenyl-phenylether	16.35	248	1822152	161.87	ng/ul	96
66) Hexachlorobenzene	16.47	284	2072577	159.85	ng/ul	96
67) Atrazine	16.63	200	1882695	163.77	ng/ul	97
68) Pentachlorophenol	16.81	266	1349958	193.65	ng/ul	98
69) Phenanthrene	17.20	178	9155557	154.61	ng/ul	97
71) Anthracene	17.30	178	9185231	153.00	ng/ul	95
72) Carbazole	17.56	167	8161203	157.33	ng/ul	98
73) Di-n-butylphthalate	18.12	149	9753495	164.48	ng/ul#	96
74) Fluoranthene	19.22	202	10215252	149.81	ng/ul#	96
77) Pyrene	19.59	202	10261158	159.23	ng/ul#	93
78) Butylbenzylphthalate	20.48	149	4549251	201.03	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	2570175	153.69	ng/ul	97
80) Benzo(a)anthracene	21.33	228	8820989	156.74	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.25	149	6358576	200.74	ng/ul	98
82) Chrysene	21.39	228	8092126	150.85	ng/ul	97
84) Di-n-octyl phthalate	22.13	149	9099652	189.29	ng/ul	100
85) Benzo(b)fluoranthene	22.93	252	7368626	163.33	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	6895855	159.89	ng/ul	97
88) Benzo(a)pyrene	23.52	252	6559838	160.86	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.92	276	6647536	164.92	ng/ul	98
90) Dibenzo(a,h)anthracene	25.92	278	5612550	165.97	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	5478918	163.26	ng/ul	99

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

