

Data Path : Z:\HPCHEM1\BNA_M\Data\BM070615\
 Data File : BM001869.D
 Acq On : 07 Jul 2015 17:54
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02023

Quant Time: Jul 08 02:21:19 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061515.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 08 02:11:29 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	81201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	314273	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	181423	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	396392	20.00	ng/ul	0.01
77) Chrysene-d12	21.27	240	427961	20.00	ng/ul	0.01
85) Perylene-d12	23.50	264	442523	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	13225	7.76	ng/uL	0.00
5) Phenol-d5	6.83	99	128134	20.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	70588	20.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	107207	21.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	103487	20.67	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	50058	23.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	57263	24.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	113512	22.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	133770	25.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	274817	20.43	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	373075	21.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	51042	20.57	ng/ul	0.01
57) Fluorene-d10	15.32	176	259665	20.80	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.45	200	54094	22.34	ng/ul	0.01
70) Anthracene-d10	17.17	188	384192	20.81	ng/ul	0.00
78) Pyrene-d10	19.47	212	406433	22.42	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.36	264	407170	20.87	ng/ul	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	14050	7.22	ng/uL	97
4) Benzaldehyde	6.81	77	87925	21.56	ng/ul	98
6) Phenol	6.86	94	133349	20.72	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.10	93	98774	20.43	ng/ul	95
10) 2-Chlorophenol	7.23	128	108805	21.31	ng/ul	99
11) 2-Methylphenol	8.11	108	98463	20.66	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.20	45	111414	18.82	ng/ul	96
14) Acetophenone	8.49	105	166262	20.92	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	81928	21.10	ng/ul	97
16) 4-Methylphenol	8.44	108	108900	21.03	ng/ul	100
17) Hexachloroethane	8.73	117	43166	21.05	ng/ul	94
20) Nitrobenzene	8.87	77	121577	20.64	ng/ul	96
21) Isophorone	9.39	82	215796	21.93	ng/ul	98
23) 2-Nitrophenol	9.57	139	60808	23.34	ng/ul	96
24) 2,4-Dimethylphenol	9.64	107	125469	20.84	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.87	93	126736	20.65	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	106595	21.58	ng/ul	96
28) Naphthalene	10.50	128	322897	20.35	ng/ul	100
30) 4-Chloroaniline	10.62	127	131034	24.92	ng/ul	96
31) Hexachlorobutadiene	10.79	225	80498	21.28	ng/ul	97
32) Caprolactam	11.39	113	30673	20.79	ng/ul	88
33) 4-Chloro-3-methylphenol	11.75	107	109653	20.85	ng/ul	95
34) 2-Methylnaphthalene	12.13	142	233037	20.31	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	143539	21.17	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	89596	21.86	ng/ul	98
38) 2,4,6-Trichlorophenol	12.75	196	88400	22.41	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	95410	22.10	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	306751	20.71	ng/ul	98
41) 2-Chloronaphthalene	13.19	162	242482	20.89	ng/ul	97
42) 2-Nitroaniline	13.40	65	67107	21.80	ng/ul	90
44) Dimethylphthalate	13.78	163	297824	20.25	ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	62888	22.75	ng/ul	98
47) Acenaphthylene	14.05	152	372503	20.72	ng/ul	99
48) 3-Nitroaniline	14.24	138	61143	23.67	ng/ul	90
49) Acenaphthene	14.39	153	245929	20.47	ng/ul	99
50) 2,4-Dinitrophenol	14.45	184	38039	22.20	ng/ul	94
52) 4-Nitrophenol	14.55	109	48653	18.97	ng/ul	96
53) Dibenzofuran	14.72	168	351321	20.42	ng/ul	99
54) 2,4-Dinitrotoluene	14.70	165	89481	21.96	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.95	232	82331	22.06	ng/ul	98
56) Diethylphthalate	15.15	149	287814	20.58	ng/ul	99
58) Fluorene	15.37	166	289138	20.19	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	158402	20.52	ng/ul	96
60) 4-Nitroaniline	15.40	138	62256	21.23	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.47	198	57698	22.37	ng/ul#	95
64) N-Nitrosodiphenylamine	15.59	169	248317	21.44	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	95956	21.70	ng/ul	94
66) Hexachlorobenzene	16.37	284	103572	20.85	ng/ul	99
67) Atrazine	16.54	200	98803	21.18	ng/ul	98
68) Pentachlorophenol	16.72	266	65677	21.57	ng/ul	99
69) Phenanthrene	17.12	178	431686	20.08	ng/ul	99
71) Anthracene	17.20	178	449308	20.36	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.12	216	135057	21.67	ng/uL	95
73) Pentachlorobenzene	14.65	250	126504	21.53	ng/uL	98
74) Carbazole	17.48	167	383107	19.79	ng/ul	99
75) Di-n-butylphthalate	18.04	149	459434	22.21	ng/ul	99
76) Fluoranthene	19.13	202	503662	19.59	ng/ul	100
79) Pyrene	19.50	202	520829	21.94	ng/ul	100
80) Butylbenzylphthalate	20.40	149	200555	25.89	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.19	252	188048	24.73	ng/ul	99
82) Benzo(a)anthracene	21.25	228	521237	20.85	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	288967	24.81	ng/ul	99
84) Chrysene	21.30	228	484632	20.45	ng/ul	100
86) Di-n-octyl phthalate	22.05	149	504332	23.19	ng/ul	100
87) Benzo(b)fluoranthene	22.83	252	540243	20.97	ng/ul	99
88) Benzo(k)fluoranthene	22.87	252	498403	20.02	ng/ul	100
90) Benzo(a)pyrene	23.40	252	514405	20.53	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.75	276	612041	20.60	ng/ul	99
92) Dibenzo(a,h)anthracene	25.76	278	520963	20.78	ng/ul	100
93) Benzo(g,h,i)perylene	26.44	276	519749	20.80	ng/ul	98

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

