

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061915\
 Data File : BG017737.D
 Acq On : 19 Jun 2015 19:42
 Operator : TP/IZ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02020

Quant Time: Jun 20 02:50:58 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG061915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 19 17:30:37 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	65703	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	311765	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	190866	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	414970	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	418148	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	407045	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	12258	8.33	ng/uL	0.00
5) Phenol-d5	6.78	99	113862	20.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	67839	20.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	93672	20.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	93018	19.81	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	48017	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	47015	19.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	85421	18.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	134707	21.94	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	251360	19.36	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	340260	19.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	52446	18.78	ng/ul	0.00
57) Fluorene-d10	15.26	176	248164	19.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	41565	18.86	ng/ul	0.00
70) Anthracene-d10	17.11	188	362678	18.95	ng/ul	0.00
78) Pyrene-d10	19.42	212	398249	19.35	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	343744	19.00	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.18	88	13048	7.05	ng/uL#	95
4) Benzaldehyde	6.76	77	81698	23.82	ng/ul	94
6) Phenol	6.81	94	120427	19.84	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.05	93	90484	20.34	ng/ul	95
10) 2-Chlorophenol	7.18	128	92898	19.83	ng/ul	99
11) 2-Methylphenol	8.06	108	92026	20.03	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.15	45	143210	20.72	ng/ul	95
14) Acetophenone	8.43	105	139654	20.11	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.42	70	84253	20.24	ng/ul#	89
16) 4-Methylphenol	8.38	108	99647	19.56	ng/ul	98
17) Hexachloroethane	8.68	117	39990	20.06	ng/ul#	68
20) Nitrobenzene	8.81	77	115887	19.71	ng/ul	97
21) Isophorone	9.33	82	226678	20.46	ng/ul	98
23) 2-Nitrophenol	9.51	139	52103	19.66	ng/ul	93
24) 2,4-Dimethylphenol	9.58	107	111465	19.62	ng/ul	90
25) Bis(2-Chloroethoxy)methane	9.82	93	120851	19.87	ng/ul#	97
27) 2,4-Dichlorophenol	10.05	162	84911	19.44	ng/ul	93
28) Naphthalene	10.45	128	307526	19.11	ng/ul	99
30) 4-Chloroaniline	10.56	127	132876	22.05	ng/ul	96
31) Hexachlorobutadiene	10.73	225	49368	19.23	ng/ul	97
32) Caprolactam	11.31	113	43094	19.60	ng/ul	88
33) 4-Chloro-3-methylphenol	11.69	107	105186	19.94	ng/ul	90
34) 2-Methylnaphthalene	12.07	142	222934	19.62	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	97089	19.52	ng/ul#	94
37) Hexachlorocyclopentadiene	12.43	237	58513	18.98	ng/ul	99
38) 2,4,6-Trichlorophenol	12.68	196	63348	19.80	ng/ul	98
39) 2,4,5-Trichlorophenol	12.75	196	67939	19.05	ng/ul	94
40) 1,1'-Biphenyl	13.09	154	282952	19.94	ng/ul#	97
41) 2-Chloronaphthalene	13.13	162	210387	19.31	ng/ul	97
42) 2-Nitroaniline	13.34	65	74221	21.13	ng/ul	95
44) Dimethylphthalate	13.73	163	280229	19.82	ng/ul#	99
45) 2,6-Dinitrotoluene	13.85	165	58829	20.76	ng/ul	99
47) Acenaphthylene	13.99	152	362580	19.64	ng/ul	98
48) 3-Nitroaniline	14.18	138	66850	21.73	ng/ul	87
49) Acenaphthene	14.33	153	244763	19.71	ng/ul	98
50) 2,4-Dinitrophenol	14.38	184	25069	18.85	ng/ul	89
52) 4-Nitrophenol	14.48	109	42897	19.74	ng/ul#	74
53) Dibenzofuran	14.67	168	329917	19.64	ng/ul	96
54) 2,4-Dinitrotoluene	14.63	165	81140	20.77	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	14.89	232	59225	20.68	ng/ul#	87
56) Diethylphthalate	15.11	149	300295	19.60	ng/ul	98
58) Fluorene	15.32	166	292588	19.79	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.32	204	135746	19.47	ng/ul	94
60) 4-Nitroaniline	15.34	138	73911	20.49	ng/ul#	78
63) 4,6-Dinitro-2-methylphenol	15.40	198	44682	19.11	ng/ul#	89
64) N-Nitrosodiphenylamine	15.53	169	246408	19.38	ng/ul	98
65) 4-Bromophenyl-phenylether	16.21	248	78350	19.02	ng/ul	91
66) Hexachlorobenzene	16.32	284	81636	18.80	ng/ul#	86
67) Atrazine	16.50	200	91365	19.08	ng/ul#	89
68) Pentachlorophenol	16.67	266	48803	19.92	ng/ul	96
69) Phenanthrene	17.06	178	436652	19.04	ng/ul	98
71) Anthracene	17.15	178	451941	19.18	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.05	216	96287	19.17	ng/uL	98
73) Pentachlorobenzene	14.59	250	93140	18.46	ng/uL	97
74) Carbazole	17.43	167	423726	20.44	ng/ul	97
75) Di-n-butylphthalate	18.01	149	557298	19.59	ng/ul	99
76) Fluoranthene	19.09	202	494774	21.01	ng/ul#	86
79) Pyrene	19.45	202	520875	19.69	ng/ul#	81
80) Butylbenzylphthalate	20.37	149	238680	19.38	ng/ul	92
81) 3,3'-Dichlorobenzidine	21.14	252	154708	20.65	ng/ul#	97
82) Benzo(a)anthracene	21.20	228	460112	19.57	ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.16	149	339807	19.59	ng/ul#	96
84) Chrysene	21.25	228	425219	19.12	ng/ul	98
86) Di-n-octyl phthalate	22.03	149	563368	21.14	ng/ul	100
87) Benzo(b)fluoranthene	22.78	252	437250	18.86	ng/ul#	96
88) Benzo(k)fluoranthene	22.82	252	427390	19.08	ng/ul#	95
90) Benzo(a)pyrene	23.35	252	419588	18.84	ng/ul#	93
91) Indeno(1,2,3-cd)pyrene	25.71	276	462823	18.86	ng/ul#	85
92) Dibenzo(a,h)anthracene	25.72	278	397663	18.85	ng/ul#	90
93) Benzo(g,h,i)perylene	26.40	276	386190	18.93	ng/ul#	87

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

