

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071315\
 Data File : BG017859.D
 Acq On : 14 Jul 2015 15:23
 Operator : TP/UM
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02099

Manual Integrations
 APPROVED

apatel
 7/15/2015 1:38:34 PM

Quant Time: Jul 15 05:37:31 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 15 04:02:40 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	71478	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	328045	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	182782	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	381308	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	400841	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	372085	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.12	96	15897	8.97	ng/uL	0.00
5) Phenol-d5	6.76	99	126025	18.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	89330	22.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	98217	17.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	97605	17.08	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	50804	18.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	39923	14.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	81529	16.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	134623	19.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	265290	19.08	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	350089	20.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	47421	16.00	ng/ul	0.00
57) Fluorene-d10	15.24	176	245991	19.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	31592	13.72	ng/ul	0.00
70) Anthracene-d10	17.10	188	363357	20.38	ng/ul	0.00
78) Pyrene-d10	19.40	212	392762	20.32	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	373425	20.12	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.16	88	16802	8.96 ng/uL	96
4) Benzaldehyde	6.74	77	105991	25.61 ng/ul	95
6) Phenol	6.79	94	139400	18.98 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.03	93	115778	21.52 ng/ul	98
10) 2-Chlorophenol	7.16	128	101493	18.54 ng/ul	100
11) 2-Methylphenol	8.03	108	97046	17.39 ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.13	45	173819	21.57 ng/ul	99
14) Acetophenone	8.41	105	167175	19.92 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.40	70	102685	19.73 ng/ul	96
16) 4-Methylphenol	8.36	108	110183	17.49 ng/ul	98
17) Hexachloroethane	8.65	117	48196	21.31 ng/ul	88
20) Nitrobenzene	8.78	77	140777	21.39 ng/ul	97
21) Isophorone	9.30	82	260411	19.99 ng/ul	99
23) 2-Nitrophenol	9.49	139	48142	15.98 ng/ul	98
24) 2,4-Dimethylphenol	9.55	107	120248	18.91 ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.79	93	145431	20.89 ng/ul	98
27) 2,4-Dichlorophenol	10.02	162	83364	17.42 ng/ul	93
28) Naphthalene	10.42	128	349605	20.33 ng/ul	100
30) 4-Chloroaniline	10.53	127	138872	20.86 ng/ul	94
31) Hexachlorobutadiene	10.71	225	51429	19.91 ng/ul	97
32) Caprolactam	11.29	113	57456m	15.04 ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	100523	16.38 ng/ul	99
34) 2-Methylnaphthalene	12.04	142	240613	19.37 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	97718	20.70	ng/ul	99
37) Hexachlorocyclopentadiene	12.40	237	47362	17.64	ng/ul	94
38) 2,4,6-Trichlorophenol	12.67	196	55989	17.12	ng/ul	98
39) 2,4,5-Trichlorophenol	12.73	196	59226	16.59	ng/ul	98
40) 1,1'-Biphenyl	13.07	154	293007	20.84	ng/ul	98
41) 2-Chloronaphthalene	13.11	162	224640	21.08	ng/ul	96
42) 2-Nitroaniline	13.32	65	67720	17.29	ng/ul	93
44) Dimethylphthalate	13.71	163	278164	19.48	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	51724	17.40	ng/ul#	83
47) Acenaphthylene	13.97	152	383148	20.98	ng/ul	98
48) 3-Nitroaniline	14.15	138	61833	19.02	ng/ul	93
49) Acenaphthene	14.31	153	256572	21.04	ng/ul	96
50) 2,4-Dinitrophenol	14.36	184	19077	12.29	ng/ul	96
52) 4-Nitrophenol	14.47	109	44428	18.57	ng/ul	99
53) Dibenzofuran	14.65	168	339904	20.48	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	76423	18.28	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.88	232	47597	15.84	ng/ul	93
56) Diethylphthalate	15.09	149	296231	19.34	ng/ul	96
58) Fluorene	15.30	166	293240	19.89	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	134213	19.78	ng/ul	90
60) 4-Nitroaniline	15.32	138	73368	19.22	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.38	198	36823	15.06	ng/ul#	83
64) N-Nitrosodiphenylamine	15.52	169	241863	20.29	ng/ul	95
65) 4-Bromophenyl-phenylether	16.20	248	75834	19.89	ng/ul	88
66) Hexachlorobenzene	16.30	284	79051	19.32	ng/ul#	83
67) Atrazine	16.47	200	84114	19.09	ng/ul	98
68) Pentachlorophenol	16.65	266	36088	14.22	ng/ul#	88
69) Phenanthrene	17.04	178	437455	20.51	ng/ul	97
71) Anthracene	17.13	178	455025	20.77	ng/ul	97
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	95891	20.91	ng/uL	97
73) Pentachlorobenzene	14.56	250	95835	20.27	ng/uL	98
74) Carbazole	17.40	167	416459	21.43	ng/ul	99
75) Di-n-butylphthalate	17.98	149	522302	19.62	ng/ul	99
76) Fluoranthene	19.07	202	492248	22.54	ng/ul	96
79) Pyrene	19.43	202	519382	20.81	ng/ul	96
80) Butylbenzylphthalate	20.35	149	215413	18.37	ng/ul	100
81) 3,3'-Dichlorobenzidine	21.13	252	128045	17.94	ng/ul	99
82) Benzo(a)anthracene	21.19	228	464779	20.52	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.13	149	306720	19.09	ng/ul	95
84) Chrysene	21.24	228	443863	20.90	ng/ul	98
86) Di-n-octyl phthalate	22.01	149	474088	19.90	ng/ul	100
87) Benzo(b)fluoranthene	22.75	252	418143	19.43	ng/ul	97
88) Benzo(k)fluoranthene	22.80	252	440642	21.51	ng/ul	97
90) Benzo(a)pyrene	23.32	252	423379	20.47	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.67	276	459965	19.77	ng/ul	95
92) Dibenzo(a,h)anthracene	25.68	278	384222	19.26	ng/ul	97
93) Benzo(g,h,i)perylene	26.36	276	378836	19.65	ng/ul	100

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

