

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081216\
 Data File : BG023659.D
 Acq On : 12 Aug 2016 17:09
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02030

Manual Integrations
 APPROVED

sohil
 8/15/2016 6:49:37 PM

Quant Time: Aug 13 03:17:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 13 01:31:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	156562	20.00	ng/ul	0.02
18) Naphthalene-d8	10.97	136	695992	20.00	ng/ul	0.02
35) Acenaphthene-d10	14.80	164	478262	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.57	188	1049169	20.00	ng/ul	0.01
75) Chrysene-d12	21.90	240	1011711	20.00	ng/ul	0.02
83) Perylene-d12	25.33	264	1038400	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	25828	7.01	ng/uL	0.01
5) Phenol-d5	7.29	99	316768	20.08	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.44	67	203412	20.13	ng/ul	0.02
9) 2-Chlorophenol-d4	7.66	132	219050	20.36	ng/ul	0.02
13) 4-Methylphenol-d8	8.85	113	245690	19.95	ng/ul	0.02
19) Nitrobenzene-d5	9.31	128	115673	21.09	ng/ul	0.02
22) 2-Nitrophenol-d4	10.04	143	133405	21.17	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.59	165	257986	21.71	ng/ul	0.02
29) 4-Chloroaniline-d4	11.11	131	308973	22.16	ng/ul	0.02
43) Dimethylphthalate-d6	14.19	166	780398	19.93	ng/ul	0.01
46) Acenaphthylene-d8	14.49	160	915817	20.78	ng/ul	0.01
51) 4-Nitrophenol-d4	15.02	143	136750	20.46	ng/ul	0.02
57) Fluorene-d10	15.80	176	689159	19.05	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.93	200	139462	20.72	ng/ul	0.02
70) Anthracene-d10	17.66	188	1010318	21.37	ng/ul	0.01
76) Pyrene-d10	19.96	212	974472	19.03	ng/ul	0.02
87) Benzo(a)pyrene-d12	25.09	264	969515	20.63	ng/ul	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	27875	7.22	ng/uL#	57
4) Benzaldehyde	7.26	77	216299	22.50	ng/ul	86
6) Phenol	7.31	94	321942	19.60	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.54	93	239309	20.07	ng/ul	90
10) 2-Chlorophenol	7.69	128	221209	20.19	ng/ul#	84
11) 2-Methylphenol	8.58	108	242991	19.65	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.67	45	338172	20.73	ng/ul	98
14) Acetophenone	8.96	105	394269	19.96	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.94	70	238663	20.09	ng/ul#	88
16) 4-Methylphenol	8.91	108	270127	19.48	ng/ul	100
17) Hexachloroethane	9.22	117	99089	20.95	ng/ul	95
20) Nitrobenzene	9.35	77	330991	20.58	ng/ul#	88
21) Isophorone	9.88	82	622018	21.03	ng/ul#	92
23) 2-Nitrophenol	10.07	139	143766	21.13	ng/ul#	60
24) 2,4-Dimethylphenol	10.13	107	306910	20.56	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.36	93	350531	20.55	ng/ul	98
27) 2,4-Dichlorophenol	10.62	162	249848	20.85	ng/ul	94
28) Naphthalene	11.02	128	722928	20.46	ng/ul	99
30) 4-Chloroaniline	11.13	127	301103	21.76	ng/ul	99
31) Hexachlorobutadiene	11.29	225	174648	21.88	ng/ul	98
32) Caprolactam	11.90	113	97193m	19.53	ng/ul	
33) 4-Chloro-3-methylphenol	12.26	107	311810	20.22	ng/ul#	84
34) 2-Methylnaphthalene	12.62	142	569658	19.88	ng/ul	99

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36) 1,2,4,5-Tetrachlorobenzene	12.99	216	327162	22.28	ng/ul	98
37) Hexachlorocyclopentadiene	12.96	237	161775	19.92	ng/ul	99
38) 2,4,6-Trichlorophenol	13.24	196	228181	22.44	ng/ul	97
39) 2,4,5-Trichlorophenol	13.32	196	233545	21.42	ng/ul	99
40) 1,1'-Biphenyl	13.63	154	736814	20.96	ng/ul	98
41) 2-Chloronaphthalene	13.68	162	584184	21.38	ng/ul	97
42) 2-Nitroaniline	13.88	65	240239	21.53	ng/ul#	61
44) Dimethylphthalate	14.24	163	766448	19.77	ng/ul	98
45) 2,6-Dinitrotoluene	14.38	165	174792	20.79	ng/ul#	88
47) Acenaphthylene	14.52	152	961668	20.86	ng/ul	99
48) 3-Nitroaniline	14.71	138	170598	21.59	ng/ul#	68
49) Acenaphthene	14.86	153	639678	20.37	ng/ul	98
50) 2,4-Dinitrophenol	14.93	184	83512m	16.10	ng/ul	
52) 4-Nitrophenol	15.04	109	128539	19.20	ng/ul#	72
53) Dibenzofuran	15.20	168	911260	19.58	ng/ul	90
54) 2,4-Dinitrotoluene	15.17	165	249817	19.61	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.43	232	219997	19.64	ng/ul	100
56) Diethylphthalate	15.60	149	786322	19.40	ng/ul	96
58) Fluorene	15.86	166	753898	19.45	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.84	204	376070	19.29	ng/ul	97
60) 4-Nitroaniline	15.88	138	172289	18.80	ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	15.94	198	151840	21.49	ng/ul#	83
64) N-Nitrosodiphenylamine	16.06	169	681191	23.23	ng/ul	99
65) 4-Bromophenyl-phenylether	16.74	248	262593	21.82	ng/ul	97
66) Hexachlorobenzene	16.87	284	281385	21.95	ng/ul	98
67) Atrazine	17.01	200	272321	22.49	ng/ul	98
68) Pentachlorophenol	17.22	266	148024	20.93	ng/ul	93
69) Phenanthrene	17.61	178	1153070	21.22	ng/ul	97
71) Anthracene	17.70	178	1205731	21.75	ng/ul	97
72) Carbazole	17.98	167	998603	22.35	ng/ul	98
73) Di-n-butylphthalate	18.51	149	1267842	22.66	ng/ul#	94
74) Fluoranthene	19.63	202	1194092	21.47	ng/ul#	92
77) Pyrene	19.99	202	1206900	19.30	ng/ul#	89
78) Butylbenzylphthalate	20.86	149	526463	21.95	ng/ul#	85
79) 3,3'-Dichlorobenzidine	21.78	252	354147	19.87	ng/ul#	96
80) Benzo(a)anthracene	21.88	228	1208250	21.21	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	755029	23.67	ng/ul#	97
82) Chrysene	21.95	228	1084072	20.93	ng/ul	96
84) Di-n-octyl phthalate	23.02	149	1310308	24.98	ng/ul	100
85) Benzo(b)fluoranthene	24.23	252	1192118	20.18	ng/ul#	95
86) Benzo(k)fluoranthene	24.30	252	1190359	20.47	ng/ul#	92
88) Benzo(a)pyrene	25.16	252	1170708	20.53	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	29.27	276	1407894	21.01	ng/ul#	86
90) Dibenzo(a,h)anthracene	29.33	278	1228205	21.49	ng/ul#	91
91) Benzo(g,h,i)perylene	30.51	276	1152769	20.75	ng/ul#	83

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

