

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080916\
 Data File : BG023587.D
 Acq On : 10 Aug 2016 10:52
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02021

Manual Integrations
 APPROVED

umangi
 8/10/2016 7:43:28 PM

Quant Time: Aug 10 17:34:48 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG080416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 10 05:01:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	127078	20.00	ng/ul	0.00
18) Naphthalene-d8	10.96	136	572215	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	416312	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	1055003	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	1049812	20.00	ng/ul	0.02
83) Perylene-d12	25.29	264	1018897	20.00	ng/ul	0.04

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.49	96	22129	7.40	ng/uL	0.00
5) Phenol-d5	7.29	99	252526	19.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.44	67	169106	20.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	172185	19.72	ng/ul	-0.01
13) 4-Methylphenol-d8	8.84	113	195314	19.54	ng/ul	0.00
19) Nitrobenzene-d5	9.31	128	94296	20.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.04	143	111846	21.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.59	165	207627	21.25	ng/ul	0.00
29) 4-Chloroaniline-d4	11.10	131	259715m	22.66	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	690676	20.26	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	799283	20.83	ng/ul	0.00
51) 4-Nitrophenol-d4	15.01	143	128012	22.00	ng/ul	0.00
57) Fluorene-d10	15.79	176	640609	20.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	139709	20.64	ng/ul	0.00
70) Anthracene-d10	17.66	188	1016824	21.39	ng/ul	0.00
76) Pyrene-d10	19.95	212	1128202	21.23	ng/ul	0.01
87) Benzo(a)pyrene-d12	25.06	264	949784	20.59	ng/ul	0.04

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.53	88	24517	7.82	ng/uL#	86
4) Benzaldehyde	7.26	77	174663	22.38	ng/ul	82
6) Phenol	7.31	94	269974	20.25	ng/ul#	74
8) Bis(2-Chloroethyl)ether	7.54	93	193547	20.00	ng/ul	88
10) 2-Chlorophenol	7.69	128	172274	19.37	ng/ul#	83
11) 2-Methylphenol	8.58	108	196340	19.56	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.67	45	271440	20.50	ng/ul	98
14) Acetophenone	8.96	105	328071	20.47	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.94	70	193393	20.05	ng/ul#	84
16) 4-Methylphenol	8.91	108	221854	19.71	ng/ul	100
17) Hexachloroethane	9.22	117	71773	18.70	ng/ul#	70
20) Nitrobenzene	9.35	77	262919	19.89	ng/ul#	85
21) Isophorone	9.87	82	502276	20.66	ng/ul#	93
23) 2-Nitrophenol	10.07	139	117626	21.03	ng/ul#	64
24) 2,4-Dimethylphenol	10.12	107	258969	21.10	ng/ul#	85
25) Bis(2-Chloroethoxy)methane	10.36	93	289289	20.62	ng/ul	96
27) 2,4-Dichlorophenol	10.61	162	205377	20.84	ng/ul	97
28) Naphthalene	11.02	128	595543	20.50	ng/ul	99
30) 4-Chloroaniline	11.13	127	258469	22.72	ng/ul	95
31) Hexachlorobutadiene	11.29	225	134471	20.49	ng/ul	96
32) Caprolactam	11.89	113	81572m	19.93	ng/ul	
33) 4-Chloro-3-methylphenol	12.25	107	260548	20.55	ng/ul#	83
34) 2-Methylnaphthalene	12.62	142	478994	20.34	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.98	216	262780	20.56	ng/ul	97
37) Hexachlorocyclopentadiene	12.96	237	127292	18.01	ng/ul	98
38) 2,4,6-Trichlorophenol	13.22	196	187287	21.15	ng/ul	93
39) 2,4,5-Trichlorophenol	13.31	196	197848	20.85	ng/ul	99
40) 1,1'-Biphenyl	13.62	154	643614	21.04	ng/ul	98
41) 2-Chloronaphthalene	13.67	162	492299	20.69	ng/ul	97
42) 2-Nitroaniline	13.88	65	206399	21.25	ng/ul#	67
44) Dimethylphthalate	14.24	163	681924	20.20	ng/ul	97
45) 2,6-Dinitrotoluene	14.37	165	151780	20.74	ng/ul#	81
47) Acenaphthylene	14.52	152	845552	21.07	ng/ul	97
48) 3-Nitroaniline	14.70	138	156679	22.77	ng/ul#	69
49) Acenaphthene	14.86	153	569763	20.84	ng/ul	99
50) 2,4-Dinitrophenol	14.92	184	89903	19.91	ng/ul	93
52) 4-Nitrophenol	15.02	109	115773	19.86	ng/ul#	72
53) Dibenzofuran	15.19	168	819214	20.22	ng/ul#	88
54) 2,4-Dinitrotoluene	15.16	165	231160	20.85	ng/ul#	73
55) 2,3,4,6-Tetrachlorophenol	15.42	232	195791	20.08	ng/ul	99
56) Diethylphthalate	15.60	149	712439	20.19	ng/ul	97
58) Fluorene	15.84	166	687793	20.38	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.83	204	338457	19.94	ng/ul	95
60) 4-Nitroaniline	15.87	138	175579	22.01	ng/ul#	69
63) 4,6-Dinitro-2-methylphenol	15.93	198	153345	21.58	ng/ul#	88
64) N-Nitrosodiphenylamine	16.05	169	639565	21.69	ng/ul	94
65) 4-Bromophenyl-phenylether	16.73	248	244345	20.20	ng/ul	98
66) Hexachlorobenzene	16.85	284	272785	21.16	ng/ul	97
67) Atrazine	17.00	200	265461	21.80	ng/ul	97
68) Pentachlorophenol	17.21	266	142400	20.02	ng/ul	90
69) Phenanthrene	17.60	178	1166431	21.35	ng/ul	100
71) Anthracene	17.69	178	1213348	21.76	ng/ul	99
72) Carbazole	17.96	167	1078124	24.00	ng/ul	98
73) Di-n-butylphthalate	18.51	149	1267654	22.53	ng/ul#	94
74) Fluoranthene	19.62	202	1400901	25.04	ng/ul#	93
77) Pyrene	19.98	202	1396816	21.52	ng/ul#	94
78) Butylbenzylphthalate	20.86	149	572650	23.01	ng/ul#	88
79) 3,3'-Dichlorobenzidine	21.77	252	422914	22.86	ng/ul#	94
80) Benzo(a)anthracene	21.86	228	1255610	21.24	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.74	149	770704	23.29	ng/ul#	95
82) Chrysene	21.93	228	1143491	21.27	ng/ul	98
84) Di-n-octyl phthalate	23.01	149	1243332	24.16	ng/ul	100
85) Benzo(b)fluoranthene	24.20	252	1257493	21.70	ng/ul#	94
86) Benzo(k)fluoranthene	24.27	252	1142084	20.02	ng/ul#	91
88) Benzo(a)pyrene	25.13	252	1164352	20.81	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	29.19	276	1338263	20.35	ng/ul#	87
90) Dibenzo(a,h)anthracene	29.26	278	1144413m	20.41	ng/ul	
91) Benzo(g,h,i)perylene	30.42	276	1110159	20.37	ng/ul#	90

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

