

Data Path : U:\HPCHEM1\BNA G\DATA\BG070216\
 Data File : BG022819.D
 Acq On : 3 Jul 2016 7:48
 Operator : UM/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02016

Manual Integrations

umangi
 7/5/2016 7:40:47 PM

Quant Time: Jul 04 02:19:45 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 04 00:41:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	115331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	504098	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	381232	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.55	188	963995	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	1054128	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	1079917	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	17250	8.36	ng/uL	0.00
5) Phenol-d5	7.30	99	225645	18.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	139668	20.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	150517	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	177229	18.81	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	82448	20.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.05	143	93087	19.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	192728	19.01	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	193717m	22.56	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	647399	20.90	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	745885	21.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	106649	21.93	ng/ul	0.00
57) Fluorene-d10	15.79	176	611338	20.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	124621	20.10	ng/ul	0.00
70) Anthracene-d10	17.65	188	907638	20.26	ng/ul	0.00
76) Pyrene-d10	19.93	212	1078044	21.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.98	264	1042737	20.32	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.57	88	19204	7.94	ng/uL# 65
4) Benzaldehyde	7.29	77	158525	20.55	ng/ul 92
6) Phenol	7.33	94	232604	18.72	ng/ul# 61
8) Bis(2-Chloroethyl)ether	7.57	93	172382	20.29	ng/ul 93
10) 2-Chlorophenol	7.72	128	151868	18.43	ng/ul# 83
11) 2-Methylphenol	8.60	108	173794	18.62	ng/ul 86
12) 2,2'-oxybis(1-Chloropropan	8.69	45	202841	21.23	ng/ul 96
14) Acetophenone	8.99	105	302329	19.87	ng/ul# 74
15) N-Nitroso-di-n-propylamine	8.96	70	178965	19.57	ng/ul# 89
16) 4-Methylphenol	8.93	108	187600	18.08	ng/ul 97
17) Hexachloroethane	9.26	117	69980	19.94	ng/ul# 65
20) Nitrobenzene	9.37	77	250558	20.27	ng/ul# 82
21) Isophorone	9.89	82	474250	21.51	ng/ul# 89
23) 2-Nitrophenol	10.09	139	99962	19.43	ng/ul# 35
24) 2,4-Dimethylphenol	10.14	107	243983m	19.81	ng/ul
25) Bis(2-Chloroethoxy)methane	10.38	93	267869	20.59	ng/ul# 96
27) 2,4-Dichlorophenol	10.63	162	198692	19.50	ng/ul 95
28) Naphthalene	11.04	128	515112	19.98	ng/ul 97
30) 4-Chloroaniline	11.14	127	193149	22.03	ng/ul 91
31) Hexachlorobutadiene	11.31	225	164454	20.95	ng/ul 91
32) Caprolactam	11.89	113	69531	20.45	ng/ul# 57
33) 4-Chloro-3-methylphenol	12.26	107	244812	18.99	ng/ul# 79
34) 2-Methylnaphthalene	12.63	142	434600	20.38	ng/ul 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.99	216	305813	21.46	ng/ul	99
37) Hexachlorocyclopentadiene	12.97	237	174607	20.29	ng/ul#	92
38) 2,4,6-Trichlorophenol	13.23	196	201134	20.46	ng/ul	95
39) 2,4,5-Trichlorophenol	13.31	196	206947	20.01	ng/ul	96
40) 1,1'-Biphenyl	13.63	154	604927	20.87	ng/ul	92
41) 2-Chloronaphthalene	13.68	162	484728	20.65	ng/ul	97
42) 2-Nitroaniline	13.88	65	188126	20.72	ng/ul#	58
44) Dimethylphthalate	14.24	163	655095	20.72	ng/ul#	97
45) 2,6-Dinitrotoluene	14.37	165	133701	19.53	ng/ul#	77
47) Acenaphthylene	14.52	152	756343	21.16	ng/ul	98
48) 3-Nitroaniline	14.70	138	121368	22.69	ng/ul#	50
49) Acenaphthene	14.86	153	502467	20.69	ng/ul	94
50) 2,4-Dinitrophenol	14.90	184	77282	20.31	ng/ul#	69
52) 4-Nitrophenol	15.01	109	135021m	21.83	ng/ul	
53) Dibenzofuran	15.20	168	773427	20.62	ng/ul#	84
54) 2,4-Dinitrotoluene	15.15	165	204410	20.65	ng/ul#	76
55) 2,3,4,6-Tetrachlorophenol	15.42	232	214537	20.38	ng/ul#	94
56) Diethylphthalate	15.60	149	672078	20.92	ng/ul	95
58) Fluorene	15.85	166	630033	20.90	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.84	204	367365	20.35	ng/ul	99
60) 4-Nitroaniline	15.87	138	138062	21.48	ng/ul#	41
63) 4,6-Dinitro-2-methylphenol	15.92	198	135972	20.69	ng/ul#	90
64) N-Nitrosodiphenylamine	16.05	169	567304	19.98	ng/ul	92
65) 4-Bromophenyl-phenylether	16.73	248	252170	19.56	ng/ul	96
66) Hexachlorobenzene	16.85	284	275299	20.17	ng/ul	94
67) Atrazine	16.99	200	246119	20.79	ng/ul	97
68) Pentachlorophenol	17.19	266	158430	20.19	ng/ul	88
69) Phenanthrene	17.59	178	1030354	20.90	ng/ul	98
71) Anthracene	17.69	178	1042756	20.58	ng/ul	97
72) Carbazole	17.96	167	860907	22.96	ng/ul	97
73) Di-n-butylphthalate	18.50	149	1037327	21.55	ng/ul#	95
74) Fluoranthene	19.60	202	1234643	24.04	ng/ul#	86
77) Pyrene	19.96	202	1248870	21.16	ng/ul#	85
78) Butylbenzylphthalate	20.84	149	493163	21.55	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.74	252	472012	23.64	ng/ul#	93
80) Benzo(a)anthracene	21.83	228	1307363	21.14	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.72	149	664043	22.49	ng/ul#	95
82) Chrysene	21.90	228	1202756	21.37	ng/ul	96
84) Di-n-octyl phthalate	22.98	149	1131990	23.78	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	1341013	19.87	ng/ul#	92
86) Benzo(k)fluoranthene	24.21	252	1293212	20.40	ng/ul#	88
88) Benzo(a)pyrene	25.06	252	1296580	20.22	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.07	276	1474823m	21.76	ng/ul	
90) Dibenzo(a,h)anthracene	29.14	278	1154964	20.61	ng/ul#	87
91) Benzo(g,h,i)perylene	30.28	276	1210755m	22.78	ng/ul	

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

