

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051616\
 Data File : BG021910.D
 Acq On : 16 May 2016 17:25
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02025

Manual Integrations
 APPROVED

umangi
 5/17/2016 7:19:46 PM

Quant Time: May 17 01:33:20 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 17 00:31:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	58067	20.00	ng/ul	0.00
18) Naphthalene-d8	10.98	136	270895	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.79	164	159419	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.53	188	370795	20.00	ng/ul	0.00
76) Chrysene-d12	21.82	240	369142	20.00	ng/ul	0.00
84) Perylene-d12	25.15	264	370634	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.54	96	8475	7.05	ng/uL	0.00
5) Phenol-d5	7.32	99	87040	20.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	42755	20.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	80744	24.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	76839	21.23	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	40891	22.96	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	43027	38.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.60	165	81583	25.65	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	101465	29.61	ng/ul	0.00
44) Dimethylphthalate-d6	14.18	166	232506	20.76	ng/ul	0.00
47) Acenaphthylene-d8	14.48	160	322509	20.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.98	143	40530	21.12	ng/ul	0.00
58) Fluorene-d10	15.78	176	229494	19.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.89	200	37989	36.99	ng/ul	0.00
71) Anthracene-d10	17.63	188	342346	18.97	ng/ul	0.00
77) Pyrene-d10	19.91	212	364659	21.10	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.92	264	341547	19.40	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.58	88	15336	6.88 ng/uL#	66
4) Benzaldehyde	7.30	77	46516	99.31 ng/ul#	72
6) Phenol	7.34	94	88643	19.34 ng/ul#	71
8) Bis(2-Chloroethyl)ether	7.57	93	67067	17.98 ng/ul#	77
10) 2-Chlorophenol	7.73	128	82360	24.43 ng/ul#	73
11) 2-Methylphenol	8.60	108	73097	20.28 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.70	45	62520	19.09 ng/ul#	85
14) Acetophenone	8.99	105	109140	18.30 ng/ul#	68
15) N-Nitroso-di-n-propylamine	8.97	70	48417	17.97 ng/ul#	77
16) 4-Methylphenol	8.93	108	81898	20.58 ng/ul	88
17) Hexachloroethane	9.25	117	28275	18.93 ng/ul#	81
20) Nitrobenzene	9.37	77	69986	20.33 ng/ul#	69
21) Isophorone	9.89	82	146912	18.37 ng/ul#	88
23) 2-Nitrophenol	10.09	139	45216	33.32 ng/ul#	56
24) 2,4-Dimethylphenol	10.14	107	78252m	23.04 ng/ul	
25) Bis(2-Chloroethoxy)methane	10.38	93	92095	19.18 ng/ul#	92
27) 2,4-Dichlorophenol	10.62	162	79732	24.60 ng/ul#	92
28) Naphthalene	11.03	128	274678	20.22 ng/ul	99
30) 4-Chloroaniline	11.14	127	95877	27.64 ng/ul	93
31) Hexachlorobutadiene	11.31	225	45179	20.65 ng/ul	98
32) Caprolactam	11.90	113	29888m	21.81 ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	75379	23.01 ng/ul#	60
34) 2-Methylnaphthalene	12.63	142	198791	19.88 ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.84	142	196384	19.80	ng/ul#	95
37) 1,2,4,5-Tetrachlorobenzene	12.99	216	98014	22.17	ng/ul#	90
38) Hexachlorocyclopentadiene	12.97	237	45993	20.46	ng/ul#	94
39) 2,4,6-Trichlorophenol	13.23	196	65302	30.94	ng/ul	95
40) 2,4,5-Trichlorophenol	13.30	196	71301	24.12	ng/ul	89
41) 1,1'-Biphenyl	13.63	154	253817	20.44	ng/ul#	97
42) 2-Chloronaphthalene	13.67	162	194843	20.69	ng/ul	95
43) 2-Nitroaniline	13.87	65	33671	21.73	ng/ul#	13
45) Dimethylphthalate	14.23	163	232570	20.39	ng/ul	99
46) 2,6-Dinitrotoluene	14.36	165	53062	23.57	ng/ul#	59
48) Acenaphthylene	14.51	152	335540	20.57	ng/ul	98
49) 3-Nitroaniline	14.69	138	50619	19.84	ng/ul#	62
50) Acenaphthene	14.85	153	225224	19.90	ng/ul	95
51) 2,4-Dinitrophenol	14.90	184	23450	45.95	ng/ul#	47
53) 4-Nitrophenol	14.99	109	20902	23.90	ng/ul#	36
54) Dibenzofuran	15.18	168	300890	19.83	ng/ul#	83
55) 2,4-Dinitrotoluene	15.14	165	74071	23.77	ng/ul#	56
56) 2,3,4,6-Tetrachlorophenol	15.41	232	65431	31.35	ng/ul#	86
57) Diethylphthalate	15.59	149	238074	21.41	ng/ul	98
59) Fluorene	15.83	166	260079	19.82	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.82	204	119674	20.21	ng/ul#	84
61) 4-Nitroaniline	15.86	138	56115	19.25	ng/ul#	47
64) 4,6-Dinitro-2-methylphenol	15.91	198	42163	37.66	ng/ul#	74
65) N-Nitrosodiphenylamine	16.03	169	216052	19.96	ng/ul	92
66) 4-Bromophenyl-phenylether	16.72	248	76253	19.64	ng/ul#	78
67) Hexachlorobenzene	16.83	284	96252	21.51	ng/ul#	79
68) Atrazine	16.97	200	80075	25.74	ng/ul	98
69) Pentachlorophenol	17.18	266	55378	32.40	ng/ul	97
70) Phenanthrene	17.57	178	409421	20.20	ng/ul	97
72) Anthracene	17.67	178	418835	20.34	ng/ul	99
73) Carbazole	17.93	167	377073	21.12	ng/ul#	96
74) Di-n-butylphthalate	18.47	149	457392	28.19	ng/ul#	96
75) Fluoranthene	19.57	202	459880	19.97	ng/ul#	94
78) Pyrene	19.94	202	463168m	21.69	ng/ul	
79) Butylbenzylphthalate	20.81	149	197621	41.86	ng/ul#	78
80) 3,3'-Dichlorobenzidine	21.70	252	156413	25.65	ng/ul	97
81) Benzo(a)anthracene	21.79	228	429586	20.91	ng/ul	97
82) Bis(2-ethylhexyl)phthalate	21.68	149	290782	37.73	ng/ul	95
83) Chrysene	21.86	228	414758	20.41	ng/ul	99
85) Di-n-octyl phthalate	22.93	149	491076	32.14	ng/ul	100
86) Benzo(b)fluoranthene	24.08	252	440316	20.76	ng/ul#	96
87) Benzo(k)fluoranthene	24.15	252	415271	18.28	ng/ul#	97
89) Benzo(a)pyrene	24.99	252	420752	19.92	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	28.97	276	506889	20.25	ng/ul#	94
91) Dibenzo(a,h)anthracene	29.03	278	416425	19.99	ng/ul#	96
92) Benzo(g,h,i)perylene	30.15	276	424591m	20.55	ng/ul	

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

