

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021863.D
 Acq On : 12 May 2016 3:42
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02018

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:26:34 PM

Quant Time: May 12 10:38:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	62538	20.00	ng/ul	0.00
18) Naphthalene-d8	11.01	136	318824	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.81	164	191558	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	393249	20.00	ng/ul	0.00
76) Chrysene-d12	21.84	240	374118	20.00	ng/ul	0.00
84) Perylene-d12	25.19	264	370621	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.57	96	8723	6.73	ng/uL	0.00
5) Phenol-d5	7.33	99	101216	21.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	48521	21.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	89060	24.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	89338	22.92	ng/ul	0.00
19) Nitrobenzene-d5	9.35	128	47415	22.62	ng/ul	0.00
22) 2-Nitrophenol-d4	10.08	143	48997	37.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.62	165	95156	25.42	ng/ul	0.00
29) 4-Chloroaniline-d4	11.14	131	122140	30.29	ng/ul	0.00
44) Dimethylphthalate-d6	14.21	166	275258	20.46	ng/ul	0.00
47) Acenaphthylene-d8	14.50	160	385335	20.17	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	48600	21.07	ng/ul	0.00
58) Fluorene-d10	15.79	176	265355	18.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	37125	34.08	ng/ul	0.00
71) Anthracene-d10	17.65	188	366174	19.13	ng/ul	0.00
77) Pyrene-d10	19.92	212	365946	20.90	ng/ul	0.00
88) Benzo(a)pyrene-d12	24.96	264	341607	19.40	ng/ul	0.02

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.61	88	16017	6.67 ng/uL#	68
4) Benzaldehyde	7.32	77	54478m	108.00 ng/ul	
6) Phenol	7.36	94	100732	20.41 ng/ul#	71
8) Bis(2-Chloroethyl)ether	7.60	93	77201	19.21 ng/ul#	76
10) 2-Chlorophenol	7.74	128	89972	24.78 ng/ul#	78
11) 2-Methylphenol	8.63	108	83993	21.64 ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.71	45	73273	20.77 ng/ul#	91
14) Acetophenone	9.01	105	127670m	19.88 ng/ul	
15) N-Nitroso-di-n-propylamine	8.99	70	58527	20.17 ng/ul#	73
16) 4-Methylphenol	8.95	108	91568	21.37 ng/ul	89
17) Hexachloroethane	9.28	117	33057	20.55 ng/ul	98
20) Nitrobenzene	9.40	77	82277	20.30 ng/ul#	75
21) Isophorone	9.92	82	179973	19.12 ng/ul#	87
23) 2-Nitrophenol	10.11	139	53813	33.69 ng/ul#	57
24) 2,4-Dimethylphenol	10.16	107	93532	23.40 ng/ul#	72
25) Bis(2-Chloroethoxy)methane	10.39	93	110745	19.60 ng/ul#	98
27) 2,4-Dichlorophenol	10.65	162	93346	24.47 ng/ul#	92
28) Naphthalene	11.06	128	320906	20.07 ng/ul	98
30) 4-Chloroaniline	11.16	127	116515	28.54 ng/ul	98
31) Hexachlorobutadiene	11.33	225	52062	20.21 ng/ul	97
32) Caprolactam	11.92	113	34813	21.58 ng/ul#	42
33) 4-Chloro-3-methylphenol	12.27	107	92091m	23.88 ng/ul	
34) 2-Methylnaphthalene	12.64	142	235357	19.99 ng/ul	98

Data Path : Z:\HPCHEM1\BNA G\DATA\BG051116\
 Data File : BG021863.D
 Acq On : 12 May 2016 3:42
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02018

Manual Integrations
 APPROVED

sohil
 5/12/2016 7:26:34 PM

Quant Time: May 12 10:38:28 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG050916.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 12 07:33:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.86	142	232964	19.95	ng/ul#	98
37) 1,2,4,5-Tetrachlorobenzene	13.01	216	116088	21.85	ng/ul#	90
38) Hexachlorocyclopentadiene	12.99	237	52613	19.48	ng/ul#	93
39) 2,4,6-Trichlorophenol	13.24	196	77962	30.74	ng/ul	96
40) 2,4,5-Trichlorophenol	13.32	196	84912m	23.91	ng/ul	
41) 1,1'-Biphenyl	13.64	154	305287	20.46	ng/ul	95
42) 2-Chloronaphthalene	13.69	162	235978	20.86	ng/ul	95
43) 2-Nitroaniline	13.89	65	41595	22.34	ng/ul#	25
45) Dimethylphthalate	14.25	163	275468	20.10	ng/ul	100
46) 2,6-Dinitrotoluene	14.38	165	61920	22.89	ng/ul#	63
48) Acenaphthylene	14.53	152	400424	20.43	ng/ul	99
49) 3-Nitroaniline	14.71	138	60536	19.74	ng/ul#	64
50) Acenaphthene	14.87	153	269968	19.85	ng/ul	98
51) 2,4-Dinitrophenol	14.92	184	23542	38.39	ng/ul#	47
53) 4-Nitrophenol	15.01	109	21446	20.41	ng/ul#	37
54) Dibenzofuran	15.21	168	351093	19.25	ng/ul#	81
55) 2,4-Dinitrotoluene	15.17	165	80541	21.51	ng/ul#	57
56) 2,3,4,6-Tetrachlorophenol	15.43	232	70847	28.25	ng/ul#	85
57) Diethylphthalate	15.61	149	279175	20.89	ng/ul	98
59) Fluorene	15.85	166	295937	18.77	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.83	204	140569	19.75	ng/ul#	87
61) 4-Nitroaniline	15.88	138	66960	19.11	ng/ul#	47
64) 4,6-Dinitro-2-methylphenol	15.93	198	39675	33.42	ng/ul#	76
65) N-Nitrosodiphenylamine	16.05	169	244538	21.30	ng/ul	90
66) 4-Bromophenyl-phenylether	16.73	248	84472	20.51	ng/ul#	77
67) Hexachlorobenzene	16.86	284	101456	21.38	ng/ul#	78
68) Atrazine	16.99	200	83140	25.20	ng/ul	96
69) Pentachlorophenol	17.20	266	57417	31.67	ng/ul	94
70) Phenanthrene	17.59	178	426757	19.85	ng/ul	97
72) Anthracene	17.69	178	436202	19.98	ng/ul	99
73) Carbazole	17.95	167	391368m	20.67	ng/ul	
74) Di-n-butylphthalate	18.50	149	464158	26.98	ng/ul#	96
75) Fluoranthene	19.59	202	458303	18.76	ng/ul	95
78) Pyrene	19.95	202	463213m	21.40	ng/ul	
79) Butylbenzylphthalate	20.82	149	201913m	42.20	ng/ul	
80) 3,3'-Dichlorobenzidine	21.73	252	151643	24.53	ng/ul	98
81) Benzo(a)anthracene	21.82	228	429122	20.61	ng/ul	98
82) Bis(2-ethylhexyl)phthalate	21.70	149	291323	37.30	ng/ul	96
83) Chrysene	21.89	228	415882	20.19	ng/ul	98
85) Di-n-octyl phthalate	22.96	149	498590	32.63	ng/ul	100
86) Benzo(b)fluoranthene	24.12	252	437890	20.64	ng/ul#	95
87) Benzo(k)fluoranthene	24.19	252	412777	18.17	ng/ul#	96
89) Benzo(a)pyrene	25.03	252	416671	19.73	ng/ul#	96
90) Indeno(1,2,3-cd)pyrene	29.03	276	495031	19.78	ng/ul#	93
91) Dibenzo(a,h)anthracene	29.10	278	412746	19.82	ng/ul#	96
92) Benzo(g,h,i)perylene	30.23	276	381799	18.48	ng/ul#	90

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

