

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032916\
 Data File : BG021572.D
 Acq On : 30 Mar 2016 4:24
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02026

Manual Integrations
 APPROVED

Sohil
 3/30/2016 7:15:28 PM

Quant Time: Mar 30 05:09:58 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG031616.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 30 01:34:35 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	8567	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	39875	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.67	164	25833	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.41	188	64926	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	81474	20.00	ng/ul	0.00
86) Perylene-d12	24.88	264	79006	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.44	96	1827	9.57	ng/uL	0.00
5) Phenol-d5	7.34	99	14068	17.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	8789	18.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.63	132	11463	18.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	12979	18.71	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	5610	18.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	6252	18.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	11483	18.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	15185	19.00	ng/ul	0.00
44) Dimethylphthalate-d6	14.07	166	40266	18.72	ng/ul	0.00
47) Acenaphthylene-d8	14.36	160	49780	18.77	ng/ul	0.00
52) 4-Nitrophenol-d4	15.09	143	4168	12.12	ng/ul	0.00
58) Fluorene-d10	15.66	176	36240	18.69	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	6767	15.78	ng/ul	0.00
71) Anthracene-d10	17.51	188	60358	18.97	ng/ul	0.00
79) Pyrene-d10	19.78	212	70979	18.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.65	264	66934	18.36	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.48	88	2276	8.83 ng/uL#	83
4) Benzaldehyde	7.19	77	9670	19.60 ng/ul	99
6) Phenol	7.36	94	14931	17.44 ng/ul	94
8) Bis(2-Chloroethyl)ether	7.47	93	11098	17.90 ng/ul	87
10) 2-Chlorophenol	7.66	128	11881	18.79 ng/ul	89
11) 2-Methylphenol	8.58	108	11100	16.84 ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.58	45	12963	17.34 ng/ul#	1
14) Acetophenone	8.88	105	20630	18.23 ng/ul	86
15) N-Nitroso-di-n-propylamine	8.85	70	11207	17.86 ng/ul#	92
16) 4-Methylphenol	8.91	108	12995	17.38 ng/ul	87
17) Hexachloroethane	9.13	117	5406	20.38 ng/ul	94
20) Nitrobenzene	9.26	77	16605	19.65 ng/ul	91
21) Isophorone	9.78	82	29451	18.08 ng/ul	98
23) 2-Nitrophenol	9.97	139	7752	20.54 ng/ul#	80
24) 2,4-Dimethylphenol	10.08	107	15664	18.39 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.26	93	15136	17.84 ng/ul#	96
27) 2,4-Dichlorophenol	10.59	162	12339	19.44 ng/ul	97
28) Naphthalene	10.90	128	40072	18.95 ng/ul	98
30) 4-Chloroaniline	11.03	127	16480	19.65 ng/ul	97
31) Hexachlorobutadiene	11.17	225	8939	19.12 ng/ul	94
32) Caprolactam	11.79	113	4246m	17.81 ng/ul	
33) 4-Chloro-3-methylphenol	12.24	107	14357	18.52 ng/ul#	89
34) 2-Methylnaphthalene	12.50	142	29073	18.53 ng/ul	100

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35) 1-Methylnaphthalene	12.72	142	28279	18.58	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.87	216	17344	19.18	ng/ul	94
38) Hexachlorocyclopentadiene	12.84	237	3899	11.77	ng/ul#	87
39) 2,4,6-Trichlorophenol	13.14	196	9611	18.08	ng/ul	89
40) 2,4,5-Trichlorophenol	13.30	196	11111	19.15	ng/ul	98
41) 1,1'-Biphenyl	13.50	154	38873	18.40	ng/ul#	94
42) 2-Chloronaphthalene	13.55	162	31076	18.80	ng/ul	97
43) 2-Nitroaniline	13.77	65	10922	18.95	ng/ul#	84
45) Dimethylphthalate	14.12	163	41949	18.77	ng/ul	99
46) 2,6-Dinitrotoluene	14.25	165	8927	19.57	ng/ul	93
48) Acenaphthylene	14.39	152	49160	18.71	ng/ul	100
49) 3-Nitroaniline	14.59	138	8736	20.71	ng/ul	82
50) Acenaphthene	14.73	153	34550	19.07	ng/ul	94
51) 2,4-Dinitrophenol	14.81	184	2905	12.64	ng/ul#	81
53) 4-Nitrophenol	15.11	109	5375	15.07	ng/ul	94
54) Dibenzofuran	15.06	168	47861	18.86	ng/ul	99
55) 2,4-Dinitrotoluene	15.04	165	13233	19.79	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	15.32	232	7680	18.11	ng/ul#	97
57) Diethylphthalate	15.48	149	44361	18.57	ng/ul	98
59) Fluorene	15.71	166	41857	18.86	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.70	204	21831	18.73	ng/ul	95
61) 4-Nitroaniline	15.75	138	8991	20.33	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.80	198	7186	15.87	ng/ul	99
65) N-Nitrosodiphenylamine	15.92	169	37786	18.79	ng/ul	98
66) 4-Bromophenyl-phenylether	16.59	248	14162	18.67	ng/ul#	84
67) Hexachlorobenzene	16.71	284	15227	19.03	ng/ul	93
68) Atrazine	16.86	200	15617	19.25	ng/ul	96
69) Pentachlorophenol	17.09	266	2770m	13.09	ng/ul	
70) Phenanthrene	17.45	178	69382	18.87	ng/ul	98
72) Anthracene	17.54	178	71473	19.10	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.47	216	17275	19.00	ng/uL	85
74) Pentachlorobenzene	14.98	250	16551	17.54	ng/uL	95
75) Carbazole	17.82	167	63182	19.52	ng/ul	97
76) Di-n-butylphthalate	18.35	149	82840	19.84	ng/ul	98
77) Fluoranthene	19.45	202	87739	19.77	ng/ul#	94
80) Pyrene	19.81	202	91899	18.93	ng/ul#	92
81) Butylbenzylphthalate	20.68	149	38489	18.77	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.56	252	32523	19.25	ng/ul#	99
83) Benzo(a)anthracene	21.64	228	93505	19.01	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	56471	18.83	ng/ul	99
85) Chrysene	21.71	228	88685	19.04	ng/ul	98
87) Di-n-octyl phthalate	22.72	149	98034	18.28	ng/ul	100
88) Benzo(b)fluoranthene	23.85	252	95273	18.77	ng/ul	96
89) Benzo(k)fluoranthene	23.91	252	90407	18.14	ng/ul	98
91) Benzo(a)pyrene	24.72	252	90631	18.40	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	28.53	276	102672	18.34	ng/ul#	95
93) Dibenzo(a,h)anthracene	28.58	278	86924	18.25	ng/ul#	96
94) Benzo(g,h,i)perylene	29.68	276	84394	18.33	ng/ul	97

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

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