

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
 Data File : BG025040.D
 Acq On : 9 Dec 2016 17:25
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02023

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:17 PM

Quant Time: Dec 12 02:38:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 11 23:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	124943	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	525160	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	432960	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	932428	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	1146856	20.00	ng/ul	0.00
83) Perylene-d12	25.33	264	1153611	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.60	96	16373	6.77	ng/uL	0.00
5) Phenol-d5	7.39	99	214178	19.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	120864	18.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	155155	20.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	177533	19.71	ng/ul	0.01
19) Nitrobenzene-d5	9.42	128	75022	20.17	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	96749	20.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	186500	20.92	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	203499	23.22	ng/ul	0.00
43) Dimethylphthalate-d6	14.26	166	560268	18.81	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	657098	20.14	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	100231	19.58	ng/ul	0.01
57) Fluorene-d10	15.85	176	559995	19.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	120292	20.87	ng/ul	0.00
70) Anthracene-d10	17.71	188	813151	20.66	ng/ul	0.00
76) Pyrene-d10	19.98	212	974129	20.62	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.08	264	986734	21.11	ng/ul	0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.64	88	19932	6.33 ng/uL#	85
4) Benzaldehyde	7.38	77	156485	19.28 ng/ul	97
6) Phenol	7.42	94	219608	19.85 ng/ul#	93
8) Bis(2-Chloroethyl)ether	7.66	93	146132	18.05 ng/ul	87
10) 2-Chlorophenol	7.81	128	150808	19.90 ng/ul#	84
11) 2-Methylphenol	8.68	108	163319	20.05 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.77	45	245743	17.85 ng/ul	98
14) Acetophenone	9.08	105	254684	18.58 ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.05	70	142586	18.01 ng/ul#	89
16) 4-Methylphenol	9.01	108	180397	19.91 ng/ul	92
17) Hexachloroethane	9.33	117	61339	18.27 ng/ul	90
20) Nitrobenzene	9.47	77	225733	19.75 ng/ul#	97
21) Isophorone	9.98	82	373411	17.27 ng/ul	95
23) 2-Nitrophenol	10.18	139	98205	20.88 ng/ul#	79
24) 2,4-Dimethylphenol	10.22	107	216012	20.09 ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.46	93	217780	19.76 ng/ul	96
27) 2,4-Dichlorophenol	10.72	162	180628	20.86 ng/ul	93
28) Naphthalene	11.12	128	475418	19.47 ng/ul	99
30) 4-Chloroaniline	11.23	127	194284	21.69 ng/ul	99
31) Hexachlorobutadiene	11.39	225	142265	19.12 ng/ul#	88
32) Caprolactam	12.00	113	59872m	16.65 ng/ul	
33) 4-Chloro-3-methylphenol	12.33	107	213661	20.02 ng/ul	99
34) 2-Methylnaphthalene	12.71	142	378128	19.63 ng/ul	91

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
 Data File : BG025040.D
 Acq On : 9 Dec 2016 17:25
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02023

Manual Integrations
 APPROVED

Sohil
 12/12/2016 4:28:17 PM

Quant Time: Dec 12 02:38:35 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 11 23:54:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	276688	21.20	ng/ul	94
37) Hexachlorocyclopentadiene	13.04	237	93845	12.25	ng/ul	99
38) 2,4,6-Trichlorophenol	13.31	196	173838	21.21	ng/ul	89
39) 2,4,5-Trichlorophenol	13.38	196	185072	20.60	ng/ul	95
40) 1,1'-Biphenyl	13.70	154	536845	20.45	ng/ul	98
41) 2-Chloronaphthalene	13.75	162	427293	20.45	ng/ul	98
42) 2-Nitroaniline	13.96	65	172450	21.08	ng/ul	93
44) Dimethylphthalate	14.31	163	547204	18.70	ng/ul	97
45) 2,6-Dinitrotoluene	14.44	165	127851	20.33	ng/ul#	94
47) Acenaphthylene	14.59	152	630023	19.87	ng/ul	98
48) 3-Nitroaniline	14.78	138	113938	20.92	ng/ul#	85
49) Acenaphthene	14.93	153	440133	20.26	ng/ul	100
50) 2,4-Dinitrophenol	14.98	184	84790	20.75	ng/ul	92
52) 4-Nitrophenol	15.08	109	124484	20.22	ng/ul	92
53) Dibenzofuran	15.26	168	698892	20.34	ng/ul	91
54) 2,4-Dinitrotoluene	15.22	165	186313	19.66	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.48	232	197925	20.85	ng/ul#	95
56) Diethylphthalate	15.66	149	554339	17.89	ng/ul	98
58) Fluorene	15.91	166	562765	20.12	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.89	204	304860	19.35	ng/ul	87
60) 4-Nitroaniline	15.93	138	121647	18.52	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.99	198	125401	21.00	ng/ul#	92
64) N-Nitrosodiphenylamine	16.10	169	510144	21.27	ng/ul	92
65) 4-Bromophenyl-phenylether	16.79	248	232191	22.05	ng/ul	93
66) Hexachlorobenzene	16.91	284	258635	21.81	ng/ul#	91
67) Atrazine	17.04	200	221275	19.40	ng/ul	96
68) Pentachlorophenol	17.26	266	150548	21.14	ng/ul	97
69) Phenanthrene	17.65	178	908039	20.40	ng/ul	99
71) Anthracene	17.74	178	948417	20.73	ng/ul	98
72) Carbazole	18.01	167	819689	21.47	ng/ul	98
73) Di-n-butylphthalate	18.53	149	921785	19.13	ng/ul	99
74) Fluoranthene	19.65	202	1121432	21.21	ng/ul	97
77) Pyrene	20.01	202	1127474	20.45	ng/ul	98
78) Butylbenzylphthalate	20.86	149	428989	19.87	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.79	252	446128	22.31	ng/ul	94
80) Benzo(a)anthracene	21.88	228	1222313	20.51	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	563926	18.98	ng/ul	99
82) Chrysene	21.95	228	1140548	20.46	ng/ul	99
84) Di-n-octyl phthalate	23.00	149	1009673	21.56	ng/ul	100
85) Benzo(b)fluoranthene	24.22	252	1167810	20.41	ng/ul	97
86) Benzo(k)fluoranthene	24.30	252	1142356	21.01	ng/ul	100
88) Benzo(a)pyrene	25.16	252	1153967	20.98	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	29.25	276	1319159m	19.30	ng/ul	
90) Dibenzo(a,h)anthracene	29.32	278	1102977m	19.15	ng/ul	
91) Benzo(g,h,i)perylene	30.50	276	1052731m	18.45	ng/ul	

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

