

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111616\
 Data File : BG024821.D
 Acq On : 17 Nov 2016 2:04
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02014

Manual Integrations
 APPROVED

sohil
 11/17/2016 5:41:15 PM

Quant Time: Nov 17 03:31:20 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 17 02:48:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	133036	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	575664	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	503208	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	1174850	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	1474500	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1574496	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	23178	9.03	ng/uL	0.00
5) Phenol-d5	7.40	99	235710	20.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	149511	20.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	170186	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	196476	20.53	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	86508	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	103072	19.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	215782	20.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	247652	21.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	730599	19.91	ng/ul	0.00
46) Acenaphthylene-d8	14.57	160	795589	19.90	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	123467	18.91	ng/ul	0.00
57) Fluorene-d10	15.87	176	682931	19.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	168606	20.88	ng/ul	0.00
70) Anthracene-d10	17.72	188	1047758	20.19	ng/ul	0.00
76) Pyrene-d10	19.99	212	1300981	20.35	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	1419064	20.59	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.66	88	21240	6.60 ng/uL	88
4) Benzaldehyde	7.39	77	173327	23.61 ng/ul	87
6) Phenol	7.43	94	238502	20.03 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.67	93	174353	20.58 ng/ul	95
10) 2-Chlorophenol	7.82	128	163178	20.64 ng/ul	92
11) 2-Methylphenol	8.69	108	175371	20.11 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.79	45	299754	20.84 ng/ul	99
14) Acetophenone	9.09	105	297719	20.66 ng/ul	94
15) N-Nitroso-di-n-propylamine	9.06	70	172075	21.01 ng/ul#	96
16) 4-Methylphenol	9.02	108	193321	20.49 ng/ul	97
17) Hexachloroethane	9.35	117	74864	20.69 ng/ul	89
20) Nitrobenzene	9.48	77	258059	19.94 ng/ul#	96
21) Isophorone	9.99	82	484171	20.06 ng/ul	97
23) 2-Nitrophenol	10.19	139	105458	20.06 ng/ul	93
24) 2,4-Dimethylphenol	10.23	107	249595	19.99 ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.47	93	251308	19.83 ng/ul	92
27) 2,4-Dichlorophenol	10.72	162	206604	20.82 ng/ul	92
28) Naphthalene	11.14	128	546818	19.80 ng/ul	99
30) 4-Chloroaniline	11.24	127	242311	21.71 ng/ul	90
31) Hexachlorobutadiene	11.40	225	176643	20.27 ng/ul	99
32) Caprolactam	11.99	113	78471	20.06 ng/ul#	77
33) 4-Chloro-3-methylphenol	12.34	107	252190	20.98 ng/ul	98
34) 2-Methylnaphthalene	12.72	142	438156	20.17 ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	318622	19.51	ng/ul#	94
37) Hexachlorocyclopentadiene	13.05	237	201958	19.19	ng/ul	99
38) 2,4,6-Trichlorophenol	13.32	196	190493m	19.18	ng/ul	
39) 2,4,5-Trichlorophenol	13.39	196	218775	20.27	ng/ul	98
40) 1,1'-Biphenyl	13.72	154	615379	19.00	ng/ul	97
41) 2-Chloronaphthalene	13.76	162	494146	19.64	ng/ul	97
42) 2-Nitroaniline	13.97	65	207861	20.83	ng/ul	99
44) Dimethylphthalate	14.31	163	698874	19.85	ng/ul	99
45) 2,6-Dinitrotoluene	14.45	165	146205	19.76	ng/ul	96
47) Acenaphthylene	14.60	152	780268	20.16	ng/ul	99
48) 3-Nitroaniline	14.78	138	146953	21.49	ng/ul#	92
49) Acenaphthene	14.94	153	552767	20.18	ng/ul	99
50) 2,4-Dinitrophenol	14.98	184	108809	20.55	ng/ul	86
52) 4-Nitrophenol	15.07	109	153153	19.59	ng/ul	93
53) Dibenzofuran	15.27	168	837826	19.99	ng/ul	98
54) 2,4-Dinitrotoluene	15.23	165	239024	21.36	ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	15.49	232	238671	21.25	ng/ul	95
56) Diethylphthalate	15.67	149	732016	19.58	ng/ul	96
58) Fluorene	15.92	166	678850	19.95	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.90	204	385672	20.04	ng/ul	92
60) 4-Nitroaniline	15.94	138	158198	20.34	ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.99	198	164391	20.07	ng/ul#	97
64) N-Nitrosodiphenylamine	16.12	169	632621	19.93	ng/ul	95
65) 4-Bromophenyl-phenylether	16.79	248	290070	20.30	ng/ul	97
66) Hexachlorobenzene	16.92	284	335012	21.19	ng/ul	98
67) Atrazine	17.05	200	295644	19.87	ng/ul	99
68) Pentachlorophenol	17.26	266	197659	21.18	ng/ul	93
69) Phenanthrene	17.66	178	1198470	20.46	ng/ul	98
71) Anthracene	17.75	178	1226138	20.24	ng/ul	99
72) Carbazole	18.02	167	1069026	21.51	ng/ul	98
73) Di-n-butylphthalate	18.55	149	1268100	20.25	ng/ul	99
74) Fluoranthene	19.66	202	1504542	22.12	ng/ul#	96
77) Pyrene	20.02	202	1511202	20.85	ng/ul	98
78) Butylbenzylphthalate	20.88	149	587306	19.80	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.80	252	619149	21.84	ng/ul#	94
80) Benzo(a)anthracene	21.89	228	1631450	20.33	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.75	149	833657	20.54	ng/ul	96
82) Chrysene	21.96	228	1532576	20.37	ng/ul	96
84) Di-n-octyl phthalate	23.03	149	1408032	21.13	ng/ul	100
85) Benzo(b)fluoranthene	24.24	252	1698830	20.48	ng/ul	99
86) Benzo(k)fluoranthene	24.31	252	1618874	20.55	ng/ul	99
88) Benzo(a)pyrene	25.18	252	1638640	20.41	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.28	276	2054118	20.46	ng/ul	96
90) Dibenzo(a,h)anthracene	29.35	278	1720573	20.57	ng/ul	97
91) Benzo(g,h,i)perylene	30.53	276	1685633	20.39	ng/ul	96

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

