

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
 Data File : BG024840.D
 Acq On : 19 Nov 2016 00:54
 Operator : UM/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02018

Manual Integrations
 APPROVED

sohil
 11/21/2016 3:41:55 PM

Quant Time: Nov 19 03:34:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 19 00:07:29 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	99139	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	439720	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	368948	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	799580m	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	981365	20.00	ng/ul	0.00
83) Perylene-d12	25.34	264	1021127	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	15096	7.89	ng/uL	0.00
5) Phenol-d5	7.40	99	179583	21.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	111023	20.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	131008	21.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.95	113	154857	21.71	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	67962	20.41	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	83072	20.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	163026	20.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	189420	21.43	ng/ul	-0.01
43) Dimethylphthalate-d6	14.27	166	546543	20.32	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	629813	21.49	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	85885	17.94	ng/ul	0.00
57) Fluorene-d10	15.86	176	518540	20.48	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	99919	18.18	ng/ul	0.00
70) Anthracene-d10	17.72	188	743127	21.04	ng/ul	0.00
76) Pyrene-d10	19.99	212	889101	20.89	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.10	264	945422	21.15	ng/ul	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.65	88	16406	6.84	ng/uL#	78
4) Benzaldehyde	7.39	77	131502	24.04	ng/ul	92
6) Phenol	7.42	94	180345	20.33	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.67	93	132934	21.05	ng/ul	91
10) 2-Chlorophenol	7.82	128	127703	21.68	ng/ul	89
11) 2-Methylphenol	8.69	108	137052	21.09	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.78	45	236925	22.10	ng/ul	97
14) Acetophenone	9.08	105	226749	21.11	ng/ul	96
15) N-Nitroso-di-n-propylamine	9.05	70	128073	20.99	ng/ul	89
16) 4-Methylphenol	9.02	108	146488	20.83	ng/ul	96
17) Hexachloroethane	9.35	117	58986	21.87	ng/ul	93
20) Nitrobenzene	9.48	77	204082	20.65	ng/ul	97
21) Isophorone	9.99	82	365175	19.81	ng/ul	97
23) 2-Nitrophenol	10.19	139	84653	21.08	ng/ul	88
24) 2,4-Dimethylphenol	10.23	107	188121	19.73	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.47	93	192489	19.88	ng/ul	96
27) 2,4-Dichlorophenol	10.72	162	159416	21.03	ng/ul	95
28) Naphthalene	11.14	128	440284	20.88	ng/ul#	96
30) 4-Chloroaniline	11.24	127	187194	21.96	ng/ul	95
31) Hexachlorobutadiene	11.40	225	136212	20.47	ng/ul	90
32) Caprolactam	11.99	113	58961	19.73	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.34	107	189387	20.63	ng/ul	99
34) 2-Methylnaphthalene	12.72	142	359561	21.66	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	252671	21.11	ng/ul	94
37) Hexachlorocyclopentadiene	13.05	237	146714	19.02	ng/ul	95
38) 2,4,6-Trichlorophenol	13.31	196	154547	21.22	ng/ul	91
39) 2,4,5-Trichlorophenol	13.38	196	167857	21.21	ng/ul	96
40) 1,1'-Biphenyl	13.71	154	488846	20.59	ng/ul	98
41) 2-Chloronaphthalene	13.77	162	393796	21.34	ng/ul	97
42) 2-Nitroaniline	13.97	65	153790	21.02	ng/ul	92
44) Dimethylphthalate	14.31	163	509359	19.74	ng/ul	99
45) 2,6-Dinitrotoluene	14.45	165	116662	21.51	ng/ul	96
47) Acenaphthylene	14.60	152	606506	21.37	ng/ul	97
48) 3-Nitroaniline	14.78	138	106376	21.22	ng/ul#	98
49) Acenaphthene	14.94	153	422038	21.01	ng/ul	99
50) 2,4-Dinitrophenol	14.99	184	62233	16.03	ng/ul	85
52) 4-Nitrophenol	15.07	109	105830	18.47	ng/ul	98
53) Dibenzofuran	15.27	168	656848	21.37	ng/ul	98
54) 2,4-Dinitrotoluene	15.23	165	168254	20.51	ng/ul#	91
55) 2,3,4,6-Tetrachlorophenol	15.49	232	168002	20.40	ng/ul#	93
56) Diethylphthalate	15.66	149	539555	19.68	ng/ul	96
58) Fluorene	15.92	166	516748	20.71	ng/ul	92
59) 4-Chlorophenyl-phenylether	15.90	204	286418	20.30	ng/ul	87
60) 4-Nitroaniline	15.94	138	107739	18.89	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.99	198	104057m	18.67	ng/ul	
64) N-Nitrosodiphenylamine	16.12	169	466979	21.62	ng/ul	90
65) 4-Bromophenyl-phenylether	16.80	248	208758m	21.47	ng/ul	
66) Hexachlorobenzene	16.92	284	237762	22.10	ng/ul	97
67) Atrazine	17.05	200	203137	20.06	ng/ul	97
68) Pentachlorophenol	17.26	266	127196	20.02	ng/ul	92
69) Phenanthrene	17.66	178	837005m	21.00	ng/ul	
71) Anthracene	17.76	178	864635	20.97	ng/ul	96
72) Carbazole	18.02	167	727444	21.51	ng/ul	96
73) Di-n-butylphthalate	18.54	149	869547	20.40	ng/ul	100
74) Fluoranthene	19.65	202	1035270	22.36	ng/ul	98
77) Pyrene	20.02	202	1035536	21.47	ng/ul	97
78) Butylbenzylphthalate	20.88	149	414842	21.01	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.80	252	419819	22.25	ng/ul	95
80) Benzo(a)anthracene	21.89	228	1132628	21.21	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.75	149	574048	21.25	ng/ul#	96
82) Chrysene	21.96	228	1058741	21.14	ng/ul	98
84) Di-n-octyl phthalate	23.03	149	996609	23.06	ng/ul	100
85) Benzo(b)fluoranthene	24.24	252	1134750	21.09	ng/ul	98
86) Benzo(k)fluoranthene	24.31	252	1094480m	21.42	ng/ul	
88) Benzo(a)pyrene	25.18	252	1095627	21.04	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.28	276	1367367	21.00	ng/ul	98
90) Dibenzo(a,h)anthracene	29.35	278	1149563	21.19	ng/ul	97
91) Benzo(g,h,i)perylene	30.52	276	1115181	20.80	ng/ul	95

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

