

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020744.D
 Acq On : 15 Jan 2016 9:30
 Operator : SJ/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 SSTD02030

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:02:30 AM

Quant Time: Jan 15 22:13:08 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 14 23:48:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	16214	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	68778	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	47385	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	121347	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	151158	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	138366	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	2919	8.80	ng/uL	0.00
5) Phenol-d5	7.21	99	26488	19.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	17005	20.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	22794	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	22323	19.05	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	11519	21.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	12786	20.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	25072	20.89	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	24799	20.87	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	79242	19.16	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	95980	20.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.89	143	10933m	19.69	ng/ul	0.00
58) Fluorene-d10	15.67	176	74843	20.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	12631	19.14	ng/ul	0.00
71) Anthracene-d10	17.53	188	124752m	20.97	ng/ul	0.00
79) Pyrene-d10	19.81	212	145956	20.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	154103	20.89	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.44	88	3068	7.65 ng/uL#	86
4) Benzaldehyde	7.18	77	19572	20.59 ng/ul	93
6) Phenol	7.23	94	30070	20.12 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.46	93	22649	20.60 ng/ul	99
10) 2-Chlorophenol	7.61	128	23649	20.70 ng/ul	98
11) 2-Methylphenol	8.49	108	22869	19.88 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.57	45	29458	20.68 ng/ul	98
14) Acetophenone	8.87	105	39545	20.45 ng/ul	98
15) N-Nitroso-di-n-propylamine	8.84	70	19662	20.05 ng/ul	94
16) 4-Methylphenol	8.82	108	25482	19.98 ng/ul	98
17) Hexachloroethane	9.13	117	9899	20.38 ng/ul	89
20) Nitrobenzene	9.26	77	29698	21.05 ng/ul	97
21) Isophorone	9.77	82	52844	19.15 ng/ul	96
23) 2-Nitrophenol	9.97	139	14101	20.16 ng/ul	96
24) 2,4-Dimethylphenol	10.03	107	29423	20.02 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.26	93	30903	20.00 ng/ul	98
27) 2,4-Dichlorophenol	10.51	162	26636	20.91 ng/ul	98
28) Naphthalene	10.91	128	80941	20.82 ng/ul	98
30) 4-Chloroaniline	11.02	127	26143	20.48 ng/ul	92
31) Hexachlorobutadiene	11.18	225	21631	19.99 ng/ul	95
32) Caprolactam	11.78	113	8056	18.54 ng/ul	91
33) 4-Chloro-3-methylphenol	12.14	107	27588	20.06 ng/ul	96
34) 2-Methylnaphthalene	12.51	142	59056	20.37 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	55391	20.25	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	41154	21.24	ng/ul	93
38) Hexachlorocyclopentadiene	12.86	237	1786	4.29	ng/ul#	88
39) 2,4,6-Trichlorophenol	13.12	196	21879	20.70	ng/ul	95
40) 2,4,5-Trichlorophenol	13.20	196	25826m	22.26	ng/ul	
41) 1,1'-Biphenyl	13.52	154	78838	20.80	ng/ul	100
42) 2-Chloronaphthalene	13.56	162	65848	21.32	ng/ul	99
43) 2-Nitroaniline	13.77	65	19196	21.61	ng/ul	94
45) Dimethylphthalate	14.13	163	83362	18.76	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	17673	20.31	ng/ul	98
48) Acenaphthylene	14.40	152	100967	20.60	ng/ul	99
49) 3-Nitroaniline	14.59	138	15612	20.25	ng/ul	94
50) Acenaphthene	14.74	153	69062	20.42	ng/ul	97
51) 2,4-Dinitrophenol	14.81	184	4028	17.83	ng/ul	91
53) 4-Nitrophenol	14.91	109	10209	19.92	ng/ul	97
54) Dibenzofuran	15.08	168	103809	20.39	ng/ul	97
55) 2,4-Dinitrotoluene	15.05	165	26429	20.19	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.31	232	19389	18.76	ng/ul#	97
57) Diethylphthalate	15.48	149	84980	18.84	ng/ul	99
59) Fluorene	15.73	166	83342	20.07	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.71	204	48645	20.17	ng/ul	98
61) 4-Nitroaniline	15.75	138	19087m	21.38	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.82	198	14393	20.28	ng/ul#	99
65) N-Nitrosodiphenylamine	15.93	169	72341	20.58	ng/ul	95
66) 4-Bromophenyl-phenylether	16.61	248	31054	20.24	ng/ul	97
67) Hexachlorobenzene	16.74	284	34470	20.27	ng/ul	99
68) Atrazine	16.87	200	31072	19.93	ng/ul	98
69) Pentachlorophenol	17.09	266	8985m	19.35	ng/ul	
70) Phenanthrene	17.47	178	147548	20.44	ng/ul	99
72) Anthracene	17.56	178	149850	20.56	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	38475	22.04	ng/uL	99
74) Pentachlorobenzene	15.00	250	39206	21.57	ng/uL	96
75) Carbazole	17.83	167	126149	21.12	ng/ul	98
76) Di-n-butylphthalate	18.37	149	147631	20.21	ng/ul	99
77) Fluoranthene	19.48	202	185392	21.12	ng/ul	100
80) Pyrene	19.84	202	193916	20.23	ng/ul	99
81) Butylbenzylphthalate	20.71	149	67706	21.02	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.59	252	64423	21.60	ng/ul	97
83) Benzo(a)anthracene	21.68	228	197125	20.90	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	98215	20.67	ng/ul	98
85) Chrysene	21.75	228	185685	20.83	ng/ul	100
87) Di-n-octyl phthalate	22.78	149	172000	21.95	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	186793m	20.96	ng/ul	
89) Benzo(k)fluoranthene	23.98	252	179444	20.39	ng/ul	98
91) Benzo(a)pyrene	24.80	252	181024	21.11	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.67	276	204902	20.25	ng/ul	100
93) Dibenzo(a,h)anthracene	28.72	278	174423	20.93	ng/ul	96
94) Benzo(g,h,i)perylene	29.84	276	166915m	19.99	ng/ul	

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

