

Data Path : Z:\HPCHEM1\BNA_G\Data\BG030816\
 Data File : BG021392.D
 Acq On : 9 Mar 2016 7:40
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MS-SS-D280DL

Quant Time: Mar 09 10:18:45 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Mar 09 02:03:52 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	14647	20.00	ng/ul	0.00
18) Naphthalene-d8	10.94	136	66183	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.74	164	36970	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.48	188	82270	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	93244	20.00	ng/ul	0.02
86) Perylene-d12	25.02	264	84006	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.53	96	2450	6.98	ng/uL	0.00
5) Phenol-d5	7.29	99	28432	18.51	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.45	67	18686	18.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.66	132	21208	19.79	ng/ul	0.00
13) 4-Methylphenol-d8	8.83	113	21928	18.10	ng/ul	0.00
19) Nitrobenzene-d5	9.30	128	10725	20.26	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	10998	19.57	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.56	165	20281	20.13	ng/ul	0.02
29) 4-Chloroaniline-d4	11.07	131	26513	21.08	ng/ul	0.00
44) Dimethylphthalate-d6	14.14	166	58127	19.02	ng/ul	0.00
47) Acenaphthylene-d8	14.44	160	78221	20.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.93	143	10959	18.21	ng/ul	0.02
58) Fluorene-d10	15.73	176	53267	19.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.85	200	6813	11.80	ng/ul	0.02
71) Anthracene-d10	17.58	188	79107	19.51	ng/ul	0.02
79) Pyrene-d10	19.86	212	86826	18.63	ng/ul	0.02
90) Benzo(a)pyrene-d12	24.79	264	90323	20.21	ng/ul	0.03

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	3067	7.07	ng/uL	89
4) Benzaldehyde	7.27	77	13105	14.11	ng/ul	87
6) Phenol	7.31	94	30789	18.64	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.55	93	22822	18.69	ng/ul	98
10) 2-Chlorophenol	7.69	128	22553	19.67	ng/ul	96
11) 2-Methylphenol	8.57	108	22979	18.77	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.66	45	35029	18.94	ng/ul	98
14) Acetophenone	8.95	105	36915	18.16	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.93	70	22689	18.06	ng/ul#	93
16) 4-Methylphenol	8.89	108	24714	18.22	ng/ul	96
17) Hexachloroethane	9.22	117	9782	19.61	ng/ul	96
20) Nitrobenzene	9.34	77	33608	19.80	ng/ul	98
21) Isophorone	9.86	82	58004	18.60	ng/ul#	96
23) 2-Nitrophenol	10.05	139	12712	19.67	ng/ul	93
24) 2,4-Dimethylphenol	10.10	107	29492	19.43	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.33	93	31079	19.03	ng/ul	96
27) 2,4-Dichlorophenol	10.59	162	21495	20.62	ng/ul	93
28) Naphthalene	10.99	128	72155	19.61	ng/ul	98
30) 4-Chloroaniline	11.10	127	28398	20.64	ng/ul	95
31) Hexachlorobutadiene	11.27	225	14695	20.74	ng/ul	98
32) Caprolactam	11.86	113	7541	18.84	ng/ul	96
33) 4-Chloro-3-methylphenol	12.21	107	26764	18.96	ng/ul	98
34) 2-Methylnaphthalene	12.58	142	50556	19.06	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.80	142	47159	18.93	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.95	216	26394	20.96	ng/ul	98
38) Hexachlorocyclopentadiene	12.92	237	8066	9.73	ng/ul#	91
39) 2,4,6-Trichlorophenol	13.18	196	18051	21.16	ng/ul	98
40) 2,4,5-Trichlorophenol	13.26	196	18784	20.49	ng/ul	97
41) 1,1'-Biphenyl	13.58	154	64427	20.15	ng/ul	97
42) 2-Chloronaphthalene	13.63	162	50297	20.58	ng/ul	99
43) 2-Nitroaniline	13.83	65	21484	20.35	ng/ul	94
45) Dimethylphthalate	14.19	163	61834	18.80	ng/ul#	99
46) 2,6-Dinitrotoluene	14.32	165	13631	20.14	ng/ul#	96
48) Acenaphthylene	14.47	152	80308	20.10	ng/ul	98
49) 3-Nitroaniline	14.65	138	12865	19.54	ng/ul#	92
50) Acenaphthene	14.80	153	55235	20.19	ng/ul	97
51) 2,4-Dinitrophenol	14.86	184	4730	10.37	ng/ul	92
53) 4-Nitrophenol	14.95	109	13169	18.01	ng/ul	98
54) Dibenzofuran	15.14	168	73006	19.59	ng/ul	96
55) 2,4-Dinitrotoluene	15.10	165	19569	19.46	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.36	232	15507	18.99	ng/ul#	96
57) Diethylphthalate	15.54	149	66849	18.43	ng/ul	96
59) Fluorene	15.78	166	62856	19.31	ng/ul	93
60) 4-Chlorophenyl-phenylether	15.77	204	31189	19.27	ng/ul	96
61) 4-Nitroaniline	15.80	138	14311	18.52	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.87	198	7270	11.62	ng/ul	92
65) N-Nitrosodiphenylamine	15.98	169	54613	20.41	ng/ul	95
66) 4-Bromophenyl-phenylether	16.67	248	18740	20.47	ng/ul	97
67) Hexachlorobenzene	16.79	284	18618	20.75	ng/ul	98
68) Atrazine	16.92	200	20204	19.84	ng/ul	95
69) Pentachlorophenol	17.13	266	10940	18.01	ng/ul	94
70) Phenanthrene	17.52	178	95749	19.59	ng/ul	99
72) Anthracene	17.62	178	97392	19.62	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.55	216	24253	21.95	ng/uL	95
74) Pentachlorobenzene	15.06	250	23596	21.51	ng/uL	97
75) Carbazole	17.88	167	83958	19.37	ng/ul	98
76) Di-n-butylphthalate	18.42	149	115750	19.81	ng/ul	100
77) Fluoranthene	19.52	202	109491	19.07	ng/ul	96
80) Pyrene	19.89	202	113334	18.32	ng/ul	97
81) Butylbenzylphthalate	20.75	149	52962	18.90	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.64	252	33671	17.03	ng/ul#	96
83) Benzo(a)anthracene	21.73	228	115177	19.24	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	79970	19.21	ng/ul	98
85) Chrysene	21.80	228	107161	19.19	ng/ul	99
87) Di-n-octyl phthalate	22.83	149	138829	20.12	ng/ul	100
88) Benzo(b)fluoranthene	23.98	252	116475	20.37	ng/ul	99
89) Benzo(k)fluoranthene	24.04	252	110084	19.85	ng/ul	98
91) Benzo(a)pyrene	24.86	252	108993	19.70	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.74	276	107639	17.82	ng/ul	96
93) Dibenzo(a,h)anthracene	28.80	278	87426	16.84	ng/ul	97
94) Benzo(g,h,i)perylene	29.92	276	69791	15.40	ng/ul	98

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

