

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
 Data File : BG020716.D
 Acq On : 14 Jan 2016 00:56
 Operator : SJ/IZ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02026

Quant Time: Jan 14 10:26:59 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	15628	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	66562	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	48607	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	130106	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	158656	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	148942	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	2301	7.19	ng/uL	0.00
5) Phenol-d5	7.21	99	25976	19.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	15905	19.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	21560	20.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	22265	19.71	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	10826	20.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	12839	21.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	24430	21.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	23872	20.76	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	82460	19.44	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	98139	20.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	11593	20.35	ng/ul	0.00
58) Fluorene-d10	15.67	176	76604	20.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	14364	20.30	ng/ul	0.00
71) Anthracene-d10	17.53	188	132601	20.79	ng/ul	0.00
79) Pyrene-d10	19.81	212	153006	20.27	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	161367	20.33	ng/ul	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	2824	7.31	ng/uL#	88
4) Benzaldehyde	7.18	77	18209	19.87	ng/ul	88
6) Phenol	7.23	94	29270	20.32	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.45	93	20896	19.72	ng/ul	96
10) 2-Chlorophenol	7.61	128	22515	20.44	ng/ul	98
11) 2-Methylphenol	8.49	108	21543	19.43	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.57	45	27836	20.27	ng/ul	97
14) Acetophenone	8.87	105	37830	20.30	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.84	70	19222	20.33	ng/ul	98
16) 4-Methylphenol	8.82	108	24211	19.69	ng/ul	98
17) Hexachloroethane	9.13	117	9830	21.00	ng/ul	97
20) Nitrobenzene	9.26	77	28137	20.61	ng/ul	96
21) Isophorone	9.77	82	53171	19.91	ng/ul	99
23) 2-Nitrophenol	9.97	139	14083	20.80	ng/ul	96
24) 2,4-Dimethylphenol	10.03	107	29056	20.43	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.25	93	30188	20.19	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	25727	20.87	ng/ul	99
28) Naphthalene	10.91	128	76126	20.24	ng/ul	99
30) 4-Chloroaniline	11.02	127	25272	20.46	ng/ul	100
31) Hexachlorobutadiene	11.18	225	21055	20.10	ng/ul	97
32) Caprolactam	11.78	113	8415	20.01	ng/ul	98
33) 4-Chloro-3-methylphenol	12.14	107	27335	20.54	ng/ul	98
34) 2-Methylnaphthalene	12.51	142	57935	20.65	ng/ul	98

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35) 1-Methylnaphthalene	12.73	142	54182	20.46	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	40093	20.17	ng/ul	95
38) Hexachlorocyclopentadiene	12.86	237	2775	6.50	ng/ul	96
39) 2,4,6-Trichlorophenol	13.12	196	22289	20.56	ng/ul	98
40) 2,4,5-Trichlorophenol	13.20	196	24673	20.73	ng/ul	97
41) 1,1'-Biphenyl	13.52	154	78180	20.10	ng/ul	99
42) 2-Chloronaphthalene	13.56	162	65213	20.59	ng/ul	98
43) 2-Nitroaniline	13.77	65	18872	20.71	ng/ul	97
45) Dimethylphthalate	14.13	163	86287	18.93	ng/ul	99
46) 2,6-Dinitrotoluene	14.26	165	18221	20.41	ng/ul	98
48) Acenaphthylene	14.40	152	103771	20.64	ng/ul	97
49) 3-Nitroaniline	14.59	138	16057	20.30	ng/ul	99
50) Acenaphthene	14.74	153	71747	20.68	ng/ul	99
51) 2,4-Dinitrophenol	14.81	184	3817	16.48	ng/ul#	86
53) 4-Nitrophenol	14.91	109	10512	19.99	ng/ul	97
54) Dibenzofuran	15.08	168	107337	20.55	ng/ul	95
55) 2,4-Dinitrotoluene	15.05	165	28097	20.93	ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.31	232	22200	20.94	ng/ul#	99
57) Diethylphthalate	15.48	149	90963	19.66	ng/ul	99
59) Fluorene	15.73	166	87141	20.46	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.71	204	49481	20.00	ng/ul	95
61) 4-Nitroaniline	15.75	138	19920	21.75	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.81	198	15641	20.55	ng/ul	95
65) N-Nitrosodiphenylamine	15.93	169	77703	20.62	ng/ul	98
66) 4-Bromophenyl-phenylether	16.61	248	33306	20.24	ng/ul	96
67) Hexachlorobenzene	16.74	284	37610	20.63	ng/ul	99
68) Atrazine	16.88	200	34435	20.60	ng/ul	97
69) Pentachlorophenol	17.09	266	9442	18.96	ng/ul	95
70) Phenanthrene	17.47	178	157252	20.31	ng/ul	99
72) Anthracene	17.56	178	161309	20.64	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	38360	20.50	ng/uL	99
74) Pentachlorobenzene	15.00	250	40757	20.91	ng/uL	99
75) Carbazole	17.83	167	135564	21.17	ng/ul	99
76) Di-n-butylphthalate	18.37	149	163713	20.90	ng/ul	100
77) Fluoranthene	19.48	202	197157	20.95	ng/ul	99
80) Pyrene	19.84	202	205841	20.46	ng/ul	99
81) Butylbenzylphthalate	20.71	149	71812	21.24	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.59	252	65213	20.83	ng/ul	96
83) Benzo(a)anthracene	21.68	228	206427	20.86	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	104802	21.02	ng/ul	96
85) Chrysene	21.75	228	191356	20.45	ng/ul	100
87) Di-n-octyl phthalate	22.78	149	180159	21.36	ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	199016	20.74	ng/ul	98
89) Benzo(k)fluoranthene	23.98	252	190590	20.12	ng/ul	99
91) Benzo(a)pyrene	24.80	252	187637	20.32	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.67	276	219239	20.12	ng/ul	99
93) Dibenzo(a,h)anthracene	28.72	278	185525	20.68	ng/ul	98
94) Benzo(g,h,i)perylene	29.84	276	183432	20.41	ng/ul	98

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

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