

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123115\
 Data File : BG020652.D
 Acq On : 31 Dec 2015 21:49
 Operator : UM/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02011

Manual Integrations
 APPROVED

UMANGI
 1/4/2016 5:36:48 PM

Quant Time: Jan 01 04:56:53 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 01 03:15:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	22561	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	96030	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	68056	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	175398	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	212783	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	203233	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.43	96	3627	9.63	ng/uL	0.00
5) Phenol-d5	7.22	99	38708	20.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	24283	21.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	31634	21.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	33051	20.21	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	16495	22.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	18263	21.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	35820	21.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	43713	22.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	118480	21.27	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	139003	21.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	17708	20.27	ng/ul	0.00
58) Fluorene-d10	15.68	176	106546	21.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	21001	19.74	ng/ul	0.00
71) Anthracene-d10	17.54	188	174810	21.39	ng/ul	0.00
79) Pyrene-d10	19.83	212	206345	21.62	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.75	264	217894	21.49	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.46	88	4295	9.03 ng/uL#	84
4) Benzaldehyde	7.19	77	26678	22.84 ng/ul	90
6) Phenol	7.25	94	40968	19.96 ng/ul	96
8) Bis(2-Chloroethyl)ether	7.48	93	31249	21.35 ng/ul	95
10) 2-Chlorophenol	7.62	128	32298	21.21 ng/ul	96
11) 2-Methylphenol	8.50	108	32373	20.46 ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.59	45	41402	21.63 ng/ul	98
14) Acetophenone	8.89	105	55119	20.58 ng/ul	99
15) N-Nitroso-di-n-propylamine	8.86	70	28346	20.95 ng/ul	94
16) 4-Methylphenol	8.83	108	35139	20.08 ng/ul	98
17) Hexachloroethane	9.14	117	13594	21.24 ng/ul	92
20) Nitrobenzene	9.27	77	40930	22.10 ng/ul	95
21) Isophorone	9.79	82	78502	21.77 ng/ul	99
23) 2-Nitrophenol	9.98	139	19537	21.50 ng/ul	95
24) 2,4-Dimethylphenol	10.04	107	42235	22.07 ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.27	93	43623	21.90 ng/ul	98
27) 2,4-Dichlorophenol	10.53	162	37141	21.99 ng/ul	98
28) Naphthalene	10.92	128	108779	21.39 ng/ul	99
30) 4-Chloroaniline	11.04	127	44639	22.37 ng/ul	97
31) Hexachlorobutadiene	11.20	225	29717	21.81 ng/ul	96
32) Caprolactam	11.79	113	11527m	19.92 ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	39815	21.77 ng/ul	98
34) 2-Methylnaphthalene	12.53	142	81185	21.33 ng/ul	98

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35) 1-Methylnaphthalene	12.75	142	77191	21.02	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	57913	22.10	ng/ul	96
38) Hexachlorocyclopentadiene	12.87	237	13711	14.54	ng/ul	96
39) 2,4,6-Trichlorophenol	13.13	196	31333	21.34	ng/ul	99
40) 2,4,5-Trichlorophenol	13.21	196	35997m	22.34	ng/ul	
41) 1,1'-Biphenyl	13.53	154	112553	21.98	ng/ul	98
42) 2-Chloronaphthalene	13.57	162	90458	21.94	ng/ul	98
43) 2-Nitroaniline	13.78	65	26338	22.27	ng/ul	97
45) Dimethylphthalate	14.14	163	121325	21.32	ng/ul	99
46) 2,6-Dinitrotoluene	14.27	165	25279	21.40	ng/ul	97
48) Acenaphthylene	14.42	152	146893	21.80	ng/ul	99
49) 3-Nitroaniline	14.60	138	24699	23.00	ng/ul	97
50) Acenaphthene	14.76	153	98406	21.58	ng/ul	99
51) 2,4-Dinitrophenol	14.82	184	7539	15.14	ng/ul	98
53) 4-Nitrophenol	14.92	109	16300	21.14	ng/ul	99
54) Dibenzofuran	15.10	168	146445	21.25	ng/ul	96
55) 2,4-Dinitrotoluene	15.06	165	37167	21.57	ng/ul#	99
56) 2,3,4,6-Tetrachlorophenol	15.32	232	31846	21.21	ng/ul#	92
57) Diethylphthalate	15.50	149	124564	21.24	ng/ul	97
59) Fluorene	15.74	166	117640	21.22	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.73	204	68200	21.29	ng/ul	98
61) 4-Nitroaniline	15.77	138	26515	22.58	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.82	198	22505	19.78	ng/ul	98
65) N-Nitrosodiphenylamine	15.94	169	105895	21.92	ng/ul	99
66) 4-Bromophenyl-phenylether	16.62	248	45426	21.32	ng/ul	98
67) Hexachlorobenzene	16.75	284	49197	21.03	ng/ul	100
68) Atrazine	16.89	200	46455	21.77	ng/ul	97
69) Pentachlorophenol	17.10	266	16790	17.82	ng/ul	91
70) Phenanthrene	17.49	178	204677	21.46	ng/ul	100
72) Anthracene	17.58	178	208529	21.38	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.50	216	62981	22.61	ng/uL	98
74) Pentachlorobenzene	15.01	250	57659	21.67	ng/uL	99
75) Carbazole	17.85	167	178950	21.74	ng/ul	99
76) Di-n-butylphthalate	18.39	149	212565	22.01	ng/ul	100
77) Fluoranthene	19.49	202	262842	22.56	ng/ul	99
80) Pvrene	19.86	202	266436	21.62	ng/ul	99
81) Butylbenzylphthalate	20.72	149	95892	22.10	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.61	252	90566	22.35	ng/ul	98
83) Benzo(a)anthracene	21.69	228	269723	21.67	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	136656	21.91	ng/ul	99
85) Chrysene	21.76	228	250524	21.38	ng/ul	99
87) Di-n-octyl phthalate	22.79	149	235732	22.09	ng/ul	100
88) Benzo(b)fluoranthene	23.93	252	263591	21.84	ng/ul	98
89) Benzo(k)fluoranthene	24.00	252	251581	21.75	ng/ul	99
91) Benzo(a)pyrene	24.82	252	251847	21.72	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.69	276	295272	21.35	ng/ul	98
93) Dibenzo(a,h)anthracene	28.74	278	247426	21.45	ng/ul	99
94) Benzo(a,h,i)perylene	29.86	276	240518	21.17	ng/ul	99

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

