Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080217\
Data File : BG028144.D
Acq On : 3 Aug 2017 16:48
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02096

Quant Time: Aug 03 20:03:56 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 03 19:32:32 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	37123	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	189593	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.98	164	141906	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	352307	20.00	ng/ul	0.00
75) Chrysene-d12	22.06	240	349616	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	333687	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.86	96	5468	6.86	ng/uL	0.01
5) Phenol-d5	7.51	99	80116	19.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	50380	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	53574	20.83	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	67126	19.70	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	29341	19.79	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	35152	21.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	68727	20.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	83861	22.40	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	239061	18.94	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	286320	20.12	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	35769	17.82	ng/ul	0.01
57) Fluorene-d10	15.96	176	224270	19.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	46233	20.20	ng/ul	0.00
70) Anthracene-d10	17.82	188	335100	19.84	ng/ul	0.00
76) Pyrene-d10	20.09	212	355342	19.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	313181	20.05	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	6885	8.223	ng/uL#	84
4) Benzaldehyde	7.51	77	48155	20.438	ng/ul	90
6) Phenol	7.54	94	80475	19.861	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.77	93	52508	19.023	ng/ul	91
10) 2-Chlorophenol	7.93	128	51189	20.423	ng/ul	95
11) 2-Methylphenol	8.80	108	54996	19.229	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.89	45	127814	19.076	ng/ul#	93
14) Acetophenone	9.19	105	96402	19.837	ng/ul	93
15) N-Nitroso-di-n-propylamine	9.16	70	56211	20.351	ng/ul#	96
16) 4-Methylphenol	9.12	108	65780	20.369	ng/ul	96
17) Hexachloroethane	9.45	117	20390	19.632	ng/ul	90
20) Nitrobenzene	9.58	77	82764	19.285	ng/ul	94
21) Isophorone	10.09	82	157845	19.359	ng/ul	98
23) 2-Nitrophenol	10.29	139	33449	20.383	ng/ul	92
24) 2,4-Dimethylphenol	10.33	107	79514	19.495	ng/ul#	95
25) Bis(2-Chloroethoxy)methane	10.57	93	84033	18.921	ng/ul	92
27) 2,4-Dichlorophenol	10.83	162	62878	20.538	ng/ul	90
28) Naphthalene	11.24	128	183785	19.572	ng/ul	100
30) 4-Chloroaniline	11.34	127	79109	21.800	ng/ul	95
31) Hexachlorobutadiene	11.51	225	44996	19.911	ng/ul	94
32) Caprolactam	12.09	113	25851	20.306	ng/ul#	68
33) 4-Chloro-3-methylphenol	12.44	107	83788	21.441	ng/ul	96
34) 2-Methylnaphthalene	12.82	142	149916	19.877	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	90218	19.724 ng/ul	99
37) Hexachlorocyclopentadiene	13.15	237	40341	15.984 ng/ul#	97
38) 2,4,6-Trichlorophenol	13.41	196	63675	22.335 ng/ul	91
39) 2,4,5-Trichlorophenol	13.49	196	66352	21.353 ng/ul	97
40) 1,1'-Biphenyl	13.81	154	209301	20.195 ng/ul	96
41) 2-Chloronaphthalene	13.86	162	165612	20.220 ng/ul	100
42) 2-Nitroaniline	14.06	65	70615	20.564 ng/ul	96
44) Dimethylphthalate	14.41	163	222096	19.111 ng/ul	98
45) 2,6-Dinitrotoluene	14.54	165	48689	20.292 ng/ul	96
47) Acenaphthylene	14.70	152	271093	19.934 ng/ul	98
48) 3-Nitroaniline	14.88	138	44473	20.584 ng/ul#	99
49) Acenaphthene	15.03	153	182537	19.893 ng/ul	95
50) 2,4-Dinitrophenol	15.08	184	27000	19.972 ng/ul	95
52) 4-Nitrophenol	15.18	109	36896	17.744 ng/ul#	75
53) Dibenzofuran	15.37	168	268303	20.055 ng/ul	98
54) 2,4-Dinitrotoluene	15.32	165	75135	20.662 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	15.59	232	61273	21.172 ng/ul#	94
56) Diethylphthalate	15.76	149	252645	18.532 ng/ul	99
58) Fluorene	16.02	166	232575	19.636 ng/ul	95
59) 4-Chlorophenyl-phenylether	16.00	204	121553	19.128 ng/ul	92
60) 4-Nitroaniline	16.03	138	46970	18.324 ng/ul	86
63) 4,6-Dinitro-2-methylphenol	16.09	198	46217	19.916 ng/ul#	94
64) N-Nitrosodiphenylamine	16.21	169	194260	20.959 ng/ul	95
65) 4-Bromophenyl-phenylether	16.90	248	79809	21.077 ng/ul	91
66) Hexachlorobenzene	17.03	284	84393	20.936 ng/ul	98
67) Atrazine	17.16	200	79423	19.655 ng/ul	95
68) Pentachlorophenol	17.37	266	40515	19.843 ng/ul#	85
69) Phenanthrene	17.77	178	352234	19.867 ng/ul	98
71) Anthracene	17.85	178	365786	20.186 ng/ul	100
72) Carbazole	18.12	167	302117	19.171 ng/ul	98
73) Di-n-butylphthalate	18.65	149	387704	19.763 ng/ul	97
74) Fluoranthene	19.76	202	398630	18.500 ng/ul	99
77) Pyrene	20.12	202	413434	19.821 ng/ul	98
78) Butylbenzylphthalate	20.99	149	173714	22.230 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.94	252	142271	21.092 ng/ul#	94
80) Benzo(a)anthracene	22.04	228	414192	20.504 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.90	149	244743	22.023 ng/ul	98
82) Chrysene	22.11	228	376283	20.683 ng/ul	97
84) Di-n-octyl phthalate	23.20	149	418484	20.927 ng/ul	100
85) Benzo(b)fluoranthene	24.45	252	397541	19.909 ng/ul#	98
86) Benzo(k)fluoranthene	24.52	252	393040	20.151 ng/ul#	99
88) Benzo(a)pyrene	25.40	252	390606	20.203 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	29.61	276	460739	20.350 ng/ul#	95
90) Dibenzo(a,h)anthracene	29.67	278	384746	20.275 ng/ul	95
91) Benzo(g,h,i)perylene	30.89	276	372539	20.001 ng/ul	97

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

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