Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG012818\
Data File : BG032399.D
Acq On : 28 Jan 2018 21:33
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02085

Quant Time: Jan 29 05:04:53 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG012218.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:59:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	27671	20.00	ng/ul	0.00
18) Naphthalene-d8	11.60	136	111206	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.36	164	78304	20.00	ng/ul	0.00
61) Phenanthrene-d10	18.09	188	229673	20.00	ng/ul	0.00
77) Chrysene-d12	22.42	240	317970	20.00	ng/ul	0.00
85) Perylene-d12	26.10	264	339503	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.78	96	3677	8.04	ng/uL	0.00
5) Phenol-d5	7.83	99	34174	17.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	8.01	67	16013	17.85	ng/ul	0.00
9) 2-Chlorophenol-d4	8.23	132	34972	19.71	ng/ul	0.00
13) 4-Methylphenol-d8	9.42	113	30983	17.95	ng/ul	0.00
19) Nitrobenzene-d5	9.92	128	15434	19.04	ng/ul	0.00
22) 2-Nitrophenol-d4	10.65	143	20457	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.20	165	40777	19.12	ng/ul	0.00
29) 4-Chloroaniline-d4	11.72	131	37139	24.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.73	166	134155	20.52	ng/ul	0.00
46) Acenaphthylene-d8	15.06	160	159440	19.90	ng/ul	0.00
51) 4-Nitrophenol-d4	15.51	143	22805	26.18	ng/ul	0.00
57) Fluorene-d10	16.34	176	129813	21.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.43	200	32241	22.75	ng/ul	0.00
70) Anthracene-d10	18.19	188	215264	19.49	ng/ul	0.00
78) Pyrene-d10	20.42	212	294967	19.99	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.84	264	304382	19.39	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.82	88	4122	7.939	ng/uL	96
4) Benzaldehyde	7.82	77	22192	23.449	ng/ul	90
6) Phenol	7.86	94	34317	18.415	ng/ul#	79
8) Bis(2-Chloroethyl)ether	8.11	93	24526	18.718	ng/ul	89
10) 2-Chlorophenol	8.26	128	32944	19.657	ng/ul#	89
11) 2-Methylphenol	9.16	108	26474	17.849	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	9.26	45	22664	17.370	ng/ul#	87
14) Acetophenone	9.56	105	45483	18.805	ng/ul	90
15) N-Nitroso-di-n-propylamine	9.53	70	19911	17.638	ng/ul	90
16) 4-Methylphenol	9.49	108	30322	18.677	ng/ul	97
17) Hexachloroethane	9.84	117	14050	21.238	ng/ul#	57
20) Nitrobenzene	9.96	77	33096	20.288	ng/ul#	87
21) Isophorone	10.48	82	56482	19.224	ng/ul#	87
23) 2-Nitrophenol	10.69	139	20172	20.244	ng/ul	90
24) 2,4-Dimethylphenol	10.72	107	38823	19.445	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.97	93	32025	17.187	ng/ul#	88
27) 2,4-Dichlorophenol	11.23	162	38240	19.049	ng/ul	93
28) Naphthalene	11.65	128	100038	19.719	ng/ul#	95
30) 4-Chloroaniline	11.75	127	33112	22.955	ng/ul	96
31) Hexachlorobutadiene	11.92	225	36883	20.326	ng/ul	99
32) Caprolactam	12.47	113	11156	21.488	ng/ul#	77
33) 4-Chloro-3-methylphenol	12.82	107	36189	19.920	ng/ul	90
34) 2-Methylnaphthalene	13.22	142	83103	19.260	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.57	216	68312	19.566 ng/ul	99
37) Hexachlorocyclopentadiene	13.55	237	34305	22.773 ng/ul	99
38) 2,4,6-Trichlorophenol	13.80	196	39434	19.551 ng/ul	99
39) 2,4,5-Trichlorophenol	13.87	196	41810	20.082 ng/ul	93
40) 1,1'-Biphenyl	14.19	154	115639	18.713 ng/ul#	95
41) 2-Chloronaphthalene	14.25	162	94871	19.147 ng/ul	97
42) 2-Nitroaniline	14.43	65	22985	23.229 ng/ul	87
44) Dimethylphthalate	14.78	163	130030	20.722 ng/ul	99
45) 2,6-Dinitrotoluene	14.91	165	27837	21.730 ng/ul#	89
47) Acenaphthylene	15.09	152	136893	19.588 ng/ul	98
48) 3-Nitroaniline	15.24	138	23061	24.660 ng/ul#	87
49) Acenaphthene	15.42	153	99849	19.575 ng/ul	95
50) 2,4-Dinitrophenol	15.44	184	17520	26.458 ng/ul#	63
52) 4-Nitrophenol	15.53	109	23645	29.432 ng/ul	83
53) Dibenzofuran	15.75	168	156044	20.310 ng/ul	98
54) 2,4-Dinitrotoluene	15.69	165	43743	23.615 ng/ul#	92
55) 2,3,4,6-Tetrachlorophenol	15.96	232	45898	23.040 ng/ul#	96
56) Diethylphthalate	16.13	149	131916	22.213 ng/ul	97
58) Fluorene	16.39	166	125682	20.634 ng/ul	98
59) 4-Chlorophenyl-phenylether	16.37	204	80089	20.828 ng/ul	96
60) 4-Nitroaniline	16.40	138	27499	25.508 ng/ul	88
63) 4,6-Dinitro-2-methylphenol	16.45	198	32272	21.851 ng/ul	94
64) N-Nitrosodiphenylamine	16.58	169	117915	18.057 ng/ul	98
65) 4-Bromophenyl-phenylether	17.26	248	59958	18.129 ng/ul	95
66) Hexachlorobenzene	17.39	284	64826	18.873 ng/ul	98
67) Atrazine	17.51	200	64362	21.920 ng/ul#	94
68) Pentachlorophenol	17.73	266	36902	21.543 ng/ul	96
69) Phenanthrene	18.13	178	232271	19.217 ng/ul	99
71) Anthracene	18.22	178	243789	19.657 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	14.17	216	70189	16.046 ng/uL	96
73) Pentachlorobenzene	15.67	250	74858	16.279 ng/uL	99
74) Carbazole	18.48	167	210764	21.929 ng/ul	97
75) Di-n-butylphthalate	18.99	149	239994	21.176 ng/ul	99
76) Fluoranthene	20.09	202	348898	23.404 ng/ul#	91
79) Pyrene	20.45	202	352935	19.662 ng/ul#	90
80) Butylbenzylphthalate	21.31	149	112674	19.270 ng/ul#	88
81) 3,3'-Dichlorobenzidine	22.29	252	125274	24.642 ng/ul#	95
82) Benzo(a)anthracene	22.39	228	384218	19.990 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	22.24	149	159534	19.226 ng/ul#	98
84) Chrysene	22.47	228	338512	19.404 ng/ul	99
86) Di-n-octyl phthalate	23.60	149	270404	19.097 ng/ul	100
87) Benzo(b)fluoranthene	24.91	252	396428	19.764 ng/ul#	98
88) Benzo(k)fluoranthene	24.99	252	378925	19.231 ng/ul#	98
90) Benzo(a)pyrene	25.92	252	382349	19.750 ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	30.34	276	462784	21.125 ng/ul#	94
92) Dibenzo(a,h)anthracene	30.42	278	381473	21.284 ng/ul#	95
93) Benzo(g,h,i)perylene	31.68	276	381697	21.888 ng/ul#	96

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

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