Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110920\
Data File : BG047250.D
Acq On : 9 Nov 2020 11:18
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02001

Quant Time: Nov 09 12:16:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 09 12:15:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	56110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.81	136	218314	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	155026	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	367076	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	388123	20.00	ng/ul	0.00
86) Perylene-d12	24.84	264	408721	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	9251	6.65	ng/uL	0.00
5) Phenol-d5	7.16	99	86533	17.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.33	67	51038	18.22	ng/ul	0.00
9) 2-Chlorophenol-d4	7.53	132	66814	17.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	69205	17.81	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	33654	18.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.89	143	36989	17.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.43	165	73965	17.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.95	131	73608	20.70	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	217788	17.09	ng/ul	0.00
47) Acenaphthylene-d8	14.33	160	263506	17.47	ng/ul	0.00
52) 4-Nitrophenol-d4	14.83	143	32470	16.18	ng/ul	0.00
58) Fluorene-d10	15.63	176	199566	16.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	41381	16.35	ng/ul	0.00
71) Anthracene-d10	17.48	188	303907	17.08	ng/ul	0.00
79) Pyrene-d10	19.77	212	383636	17.33	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.62	264	399462	17.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	11533	7.733	ng/uL#	85
4) Benzaldehyde	7.14	77	51413	15.913	ng/ul	96
6) Phenol	7.19	94	84800	17.844	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.42	93	67136	18.028	ng/ul	92
10) 2-Chlorophenol	7.57	128	65352	17.376	ng/ul	91
11) 2-Methylphenol	8.45	108	63942	17.544	ng/ul	87
12) 2,2'-oxybis(1-Chloropropan	8.53	45	102533	18.530	ng/ul	96
14) Acetophenone	8.83	105	105642	17.799	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.81	70	55506	17.283	ng/ul	92
16) 4-Methylphenol	8.77	108	68210	17.818	ng/ul	90
17) Hexachloroethane	9.10	117	30216	17.416	ng/ul	92
20) Nitrobenzene	9.21	77	89357	18.085	ng/ul#	94
21) Isophorone	9.73	82	153194	17.216	ng/ul	98
23) 2-Nitrophenol	9.93	139	39926	18.212	ng/ul	97
24) 2,4-Dimethylphenol	9.98	107	77194	17.322	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.21	93	88834	17.691	ng/ul	96
27) 2,4-Dichlorophenol	10.46	162	71051	18.061	ng/ul	92
28) Naphthalene	10.87	128	215441	17.566	ng/ul	100
30) 4-Chloroaniline	10.97	127	69590	20.570	ng/ul	95
31) Hexachlorobutadiene	11.15	225	62122	17.999	ng/ul	95
32) Caprolactam	11.72	113	22314	16.649	ng/ul	91
33) 4-Chloro-3-methylphenol	12.09	107	70531	17.438	ng/ul	91
34) 2-Methylnaphthalene	12.47	142	153081	17.495	ng/ul	99

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35) 1-Methylnaphthalene	12.69	142	182851	17.834	ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.84	216	106645	17.662	ng/ul	95
38) Hexachlorocyclopentadiene	12.82	237	58896	15.556	ng/ul	92
39) 2,4,6-Trichlorophenol	13.08	196	64106	17.411	ng/ul	99
40) 2,4,5-Trichlorophenol	13.15	196	62161	16.475	ng/ul	95
41) 1,1'-Biphenyl	13.48	154	213601	17.464	ng/ul	97
42) 2-Chloronaphthalene	13.52	162	172409	17.477	ng/ul	97
43) 2-Nitroaniline	13.72	65	51522	17.370	ng/ul	97
45) Dimethylphthalate	14.09	163	219641	17.170	ng/ul	98
46) 2,6-Dinitrotoluene	14.21	165	46525	16.803	ng/ul	98
48) Acenaphthylene	14.36	152	246239	17.454	ng/ul	99
49) 3-Nitroaniline	14.54	138	32970	18.227	ng/ul#	92
50) Acenaphthene	14.71	153	174905	17.136	ng/ul	98
51) 2,4-Dinitrophenol	14.75	184	22842	15.958	ng/ul	97
53) 4-Nitrophenol	14.84	109	33788	16.467	ng/ul	98
54) Dibenzofuran	15.04	168	260525	17.539	ng/ul	95
55) 2,4-Dinitrotoluene	15.00	165	65056	17.106	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.27	232	62817	15.857	ng/ul#	91
57) Diethylphthalate	15.45	149	218870	17.072	ng/ul	98
59) Fluorene	15.69	166	207951	17.056	ng/ul	91
60) 4-Chlorophenyl-phenylether	15.68	204	119782	17.122	ng/ul	97
61) 4-Nitroaniline	15.70	138	36664	17.495	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.76	198	42480	16.277	ng/ul	93
65) N-Nitrosodiphenylamine	15.89	169	182408	17.194	ng/ul	99
66) 4-Bromophenyl-phenylether	16.57	248	85253	17.509	ng/ul	97
67) Hexachlorobenzene	16.69	284	88772	17.225	ng/ul	98
68) Atrazine	16.84	200	78772	17.205	ng/ul#	90
69) Pentachlorophenol	17.04	266	45361	15.434	ng/ul	91
70) Phenanthrene	17.43	178	355270	17.256	ng/ul	98
72) Anthracene	17.52	178	358198	17.313	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	13.45	216	108095	17.530	ng/uL	95
74) Pentachlorobenzene	14.96	250	101816	17.222	ng/uL	96
75) Carbazole	17.79	167	295868	18.616	ng/ul	98
76) Di-n-butylphthalate	18.34	149	362802	17.111	ng/ul	98
77) Fluoranthene	19.44	202	463536	18.706	ng/ul	99
80) Pyrene	19.80	202	460728	17.347	ng/ul	99
81) Butylbenzylphthalate	20.68	149	168056	17.226	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.54	252	138278	19.470	ng/ul	96
83) Benzo(a)anthracene	21.62	228	471214	17.921	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.53	149	241858	17.871	ng/ul	99
85) Chrysene	21.69	228	452665	17.894	ng/ul	98
87) Di-n-octyl phthalate	22.73	149	413904	18.090	ng/ul	100
88) Benzo(b)fluoranthene	23.82	252	482095	17.757	ng/ul	99
89) Benzo(k)fluoranthene	23.89	252	466517	17.732	ng/ul	97
91) Benzo(a)pyrene	24.69	252	438091	17.919	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.47	276	527143	17.350	ng/ul	99
93) Dibenzo(a,h)anthracene	28.53	278	436530	17.712	ng/ul	98
94) Benzo(g,h,i)perylene	29.60	276	442887	17.441	ng/ul	96

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

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