Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110220\
Data File : BG047195.D
Acq On : 2 Nov 2020 14:08
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02050

Quant Time: Nov 02 13:53:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 02 10:55:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	52889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	212228	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	157792	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	386052	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	392991	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	401927	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	9705	7.40	ng/uL	0.00
5) Phenol-d5	7.20	99	84772	18.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	48389	18.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	62596	17.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	68538	18.71	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	31641	17.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	36122	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	73404	18.10	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	69325	20.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	228767	17.63	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	268591	17.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	35092	17.18	ng/ul	0.00
58) Fluorene-d10	15.68	176	211803	17.58	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	45039	16.92	ng/ul	0.00
71) Anthracene-d10	17.53	188	325935	17.42	ng/ul	0.00
79) Pyrene-d10	19.82	212	396074	17.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.72	264	385651	17.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	9514	6.767	ng/uL	100
4) Benzaldehyde	7.19	77	50311	16.521	ng/ul	97
6) Phenol	7.23	94	83824	18.712	ng/ul#	91
8) Bis(2-Chloroethyl)ether	7.47	93	65747	18.730	ng/ul	88
10) 2-Chlorophenol	7.61	128	64820	18.284	ng/ul	97
11) 2-Methylphenol	8.49	108	61345	17.856	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.58	45	94874	18.190	ng/ul	97
14) Acetophenone	8.88	105	104409	18.662	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.85	70	53500	17.673	ng/ul	95
16) 4-Methylphenol	8.82	108	68209	18.903	ng/ul	95
17) Hexachloroethane	9.14	117	27706	16.942	ng/ul	96
20) Nitrobenzene	9.26	77	86475	18.004	ng/ul	95
21) Isophorone	9.78	82	154481	17.858	ng/ul	97
23) 2-Nitrophenol	9.98	139	36943	17.335	ng/ul	93
24) 2,4-Dimethylphenol	10.03	107	77585	17.909	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.26	93	87558	17.937	ng/ul#	95
27) 2,4-Dichlorophenol	10.50	162	69996	18.303	ng/ul	97
28) Naphthalene	10.92	128	213048	17.869	ng/ul	98
30) 4-Chloroaniline	11.02	127	67215	20.438	ng/ul	99
31) Hexachlorobutadiene	11.20	225	59590	17.760	ng/ul	96
32) Caprolactam	11.76	113	22450	17.231	ng/ul	96
33) 4-Chloro-3-methylphenol	12.14	107	71442	18.170	ng/ul	95
34) 2-Methylnaphthalene	12.52	142	153791	18.080	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	184948	18.555 ng/uL	98
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	105262	17.127 ng/ul	96
38) Hexachlorocyclopentadiene	12.87	237	57475	14.915 ng/ul	94
39) 2,4,6-Trichlorophenol	13.12	196	64688	17.261 ng/ul	97
40) 2,4,5-Trichlorophenol	13.19	196	69470	18.089 ng/ul	98
41) 1,1'-Biphenyl	13.52	154	218324	17.537 ng/ul	98
42) 2-Chloronaphthalene	13.57	162	172562	17.186 ng/ul	95
43) 2-Nitroaniline	13.77	65	53696	17.786 ng/ul	93
45) Dimethylphthalate	14.13	163	224130	17.214 ng/ul	98
46) 2,6-Dinitrotoluene	14.25	165	49181	17.451 ng/ul	95
48) Acenaphthylene	14.41	152	248786	17.325 ng/ul	99
49) 3-Nitroaniline	14.58	138	34860	18.934 ng/ul	96
50) Acenaphthene	14.75	153	182030	17.521 ng/ul	97
51) 2,4-Dinitrophenol	14.79	184	25567	17.548 ng/ul	91
53) 4-Nitrophenol	14.89	109	38507	18.438 ng/ul	96
54) Dibenzofuran	15.08	168	268308	17.746 ng/ul	95
55) 2,4-Dinitrotoluene	15.04	165	68976	17.818 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.31	232	68770	17.055 ng/ul#	90
57) Diethylphthalate	15.49	149	227054	17.400 ng/ul	98
59) Fluorene	15.73	166	218272	17.588 ng/ul	93
60) 4-Chlorophenyl-phenylether	15.72	204	122427	17.194 ng/ul	93
61) 4-Nitroaniline	15.75	138	39026	18.295 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	46940	17.102 ng/ul#	84
65) N-Nitrosodiphenylamine	15.93	169	192409	17.245 ng/ul	96
66) 4-Bromophenyl-phenylether	16.62	248	87624	17.111 ng/ul	96
67) Hexachlorobenzene	16.74	284	94312	17.401 ng/ul	97
68) Atrazine	16.88	200	86870	18.041 ng/ul	98
69) Pentachlorophenol	17.08	266	48534	15.702 ng/ul	99
70) Phenanthrene	17.48	178	383800	17.725 ng/ul	100
72) Anthracene	17.57	178	385000	17.693 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	108029	16.658 ng/uL	96
74) Pentachlorobenzene	15.01	250	108533	17.456 ng/uL	96
75) Carbazole	17.83	167	304783	18.234 ng/ul	99
76) Di-n-butylphthalate	18.39	149	384064	17.223 ng/ul	100
77) Fluoranthene	19.48	202	481122	18.462 ng/ul	99
80) Pyrene	19.85	202	485634	18.058 ng/ul	99
81) Butylbenzylphthalate	20.72	149	172531	17.465 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.60	252	138226	19.222 ng/ul	96
83) Benzo(a)anthracene	21.68	228	471431	17.708 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	238726	17.421 ng/ul	98
85) Chrysene	21.75	228	452475	17.665 ng/ul	97
87) Di-n-octyl phthalate	22.80	149	407516	18.112 ng/ul	100
88) Benzo(b)fluoranthene	23.91	252	477272	17.876 ng/ul	98
89) Benzo(k)fluoranthene	23.98	252	454354	17.562 ng/ul	100
91) Benzo(a)pyrene	24.79	252	421200	17.519 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.62	276	511340	17.114 ng/ul#	98
93) Dibenzo(a,h)anthracene	28.69	278	420287	17.341 ng/ul	98
94) Benzo(g,h,i)perylene	29.78	276	428144	17.145 ng/ul	99

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

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