Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047120.D
Acq On : 29 Oct 2020 15:56
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02039

Quant Time: Oct 29 15:48:44 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 10:00:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	50784	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	209036	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	146747	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	348124	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	356511	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	369834	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	9257	7.35	ng/uL	0.00
5) Phenol-d5	7.21	99	84922	19.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	52817	20.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	68592	20.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	70534	20.06	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	33479	19.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.95	143	40649	19.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.49	165	79582	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	74338	21.83	ng/ul	0.00
44) Dimethylphthalate-d6	14.09	166	240617	19.94	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	274593	19.23	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	39242	20.66	ng/ul	0.00
58) Fluorene-d10	15.68	176	218287	19.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	45937	19.13	ng/ul	0.00
71) Anthracene-d10	17.54	188	335165	19.86	ng/ul	0.00
79) Pyrene-d10	19.82	212	406820	20.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	393228	19.34	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	10400	7.704	ng/uL	88
4) Benzaldehyde	7.19	77	55440	18.959	ng/ul	95
6) Phenol	7.24	94	85346	19.842	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.47	93	70371	20.878	ng/ul	97
10) 2-Chlorophenol	7.62	128	68458	20.111	ng/ul	92
11) 2-Methylphenol	8.49	108	68327	20.713	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.58	45	103214	20.609	ng/ul#	94
14) Acetophenone	8.88	105	110789	20.624	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.86	70	58932	20.275	ng/ul	98
16) 4-Methylphenol	8.82	108	71926	20.760	ng/ul	86
17) Hexachloroethane	9.15	117	31770	20.232	ng/ul	96
20) Nitrobenzene	9.26	77	90869	19.207	ng/ul	97
21) Isophorone	9.79	82	165637	19.440	ng/ul	97
23) 2-Nitrophenol	9.98	139	40995	19.530	ng/ul	97
24) 2,4-Dimethylphenol	10.03	107	80965	18.974	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.27	93	92841	19.310	ng/ul	97
27) 2,4-Dichlorophenol	10.52	162	73332	19.468	ng/ul	94
28) Naphthalene	10.92	128	221500	18.862	ng/ul	99
30) 4-Chloroaniline	11.02	127	70736	21.837	ng/ul	93
31) Hexachlorobutadiene	11.20	225	64590	19.544	ng/ul	96
32) Caprolactam	11.77	113	25449	19.831	ng/ul	95
33) 4-Chloro-3-methylphenol	12.14	107	76984	19.879	ng/ul	89
34) 2-Methylnaphthalene	12.52	142	164485	19.632	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.74	142	192126	19.570 ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.89	216	109590	19.173 ng/ul	98
38) Hexachlorocyclopentadiene	12.87	237	65305	18.222 ng/ul	97
39) 2,4,6-Trichlorophenol	13.12	196	68293	19.595 ng/ul	97
40) 2,4,5-Trichlorophenol	13.19	196	72864	20.401 ng/ul	95
41) 1,1'-Biphenyl	13.52	154	228462	19.733 ng/ul	97
42) 2-Chloronaphthalene	13.57	162	181631	19.451 ng/ul	98
43) 2-Nitroaniline	13.76	65	55474	19.758 ng/ul	98
45) Dimethylphthalate	14.13	163	241901	19.977 ng/ul	98
46) 2,6-Dinitrotoluene	14.26	165	51726	19.736 ng/ul#	96
48) Acenaphthylene	14.42	152	260580	19.512 ng/ul	99
49) 3-Nitroaniline	14.59	138	36177	21.128 ng/ul	90
50) Acenaphthene	14.75	153	184852	19.132 ng/ul	99
51) 2,4-Dinitrophenol	14.80	184	28194	20.808 ng/ul	94
53) 4-Nitrophenol	14.89	109	40951	21.085 ng/ul	97
54) Dibenzofuran	15.09	168	270686	19.251 ng/ul	96
55) 2,4-Dinitrotoluene	15.05	165	74164	20.601 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	15.32	232	70793	18.878 ng/ul#	91
57) Diethylphthalate	15.50	149	239801	19.760 ng/ul	99
59) Fluorene	15.74	166	222399	19.270 ng/ul	91
60) 4-Chlorophenyl-phenylether	15.73	204	126921	19.167 ng/ul	94
61) 4-Nitroaniline	15.75	138	42292	21.319 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.81	198	47499	19.191 ng/ul#	94
65) N-Nitrosodiphenylamine	15.94	169	199833	19.861 ng/ul	99
66) 4-Bromophenyl-phenylether	16.62	248	88718	19.212 ng/ul	98
67) Hexachlorobenzene	16.74	284	96067	19.655 ng/ul	97
68) Atrazine	16.88	200	89527	20.618 ng/ul	96
69) Pentachlorophenol	17.08	266	55312	19.844 ng/ul	95
70) Phenanthrene	17.48	178	383009	19.616 ng/ul	97
72) Anthracene	17.57	178	385634	19.653 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.49	216	112328	19.208 ng/uL	97
74) Pentachlorobenzene	15.01	250	111095	19.814 ng/uL	93
75) Carbazole	17.84	167	320231	21.245 ng/ul	99
76) Di-n-butylphthalate	18.39	149	413110	20.544 ng/ul	99
77) Fluoranthene	19.49	202	487592	20.748 ng/ul	100
80) Pyrene	19.85	202	480790	19.707 ng/ul	98
81) Butylbenzylphthalate	20.73	149	178645	19.935 ng/ul	93
82) 3,3'-Dichlorobenzidine	21.60	252	147383	22.592 ng/ul	99
83) Benzo(a)anthracene	21.69	228	477751	19.781 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	254120	20.442 ng/ul	99
85) Chrysene	21.75	228	462419	19.901 ng/ul	99
87) Di-n-octyl phthalate	22.80	149	421402	20.355 ng/ul	100
88) Benzo(b)fluoranthene	23.92	252	475126	19.340 ng/ul	99
89) Benzo(k)fluoranthene	23.99	252	457917	19.236 ng/ul	97
91) Benzo(a)pyrene	24.80	252	430507	19.460 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.65	276	528930	19.239 ng/ul	96
93) Dibenzo(a,h)anthracene	28.71	278	433536	19.440 ng/ul	97
94) Benzo(g,h,i)perylene	29.79	276	446404	19.427 ng/ul	98

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

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