Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042178.D
Acq On : 13 Aug 2019 13:18
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02054

Quant Time: Aug 13 13:56:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Aug 13 04:44:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	70486	20.00	ng/ul	0.00
18) Naphthalene-d8	10.85	136	295176	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.69	164	207190	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.44	188	460997	20.00	ng/ul	0.00
77) Chrysene-d12	21.72	240	465175	20.00	ng/ul	0.00
85) Perylene-d12	24.99	264	504918	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	10949	6.80	ng/uL	0.00
5) Phenol-d5	7.18	99	106045	19.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.34	67	51947	16.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.55	132	95106	20.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.73	113	88827	19.13	ng/ul	0.00
19) Nitrobenzene-d5	9.19	128	45872	20.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.92	143	56557	21.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.47	165	115692	22.21	ng/ul	0.00
29) 4-Chloroaniline-d4	10.98	131	121893	21.09	ng/ul	0.00
43) Dimethylphthalate-d6	14.09	166	323606	20.14	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	379622	20.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.88	143	46642	17.29	ng/ul	0.00
57) Fluorene-d10	15.68	176	288385	20.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.80	200	53968	18.25	ng/ul	0.00
70) Anthracene-d10	17.54	188	457658	20.69	ng/ul	0.00
78) Pyrene-d10	19.82	212	524696	20.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.76	264	560688	21.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	11601	6.951	ng/uL#	87
4) Benzaldehyde	7.15	77	46209	17.680	ng/ul	92
6) Phenol	7.21	94	110139	19.289	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.44	93	80719	18.582	ng/ul	89
10) 2-Chlorophenol	7.59	128	98024	20.448	ng/ul	93
11) 2-Methylphenol	8.47	108	86717	18.942	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.55	45	105617	14.374	ng/ul#	94
14) Acetophenone	8.85	105	135868	19.022	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.83	70	61600	16.325	ng/ul	94
16) 4-Methylphenol	8.80	108	94415	19.091	ng/ul	94
17) Hexachloroethane	9.12	117	34304	17.281	ng/ul	95
20) Nitrobenzene	9.23	77	92829	18.343	ng/ul	92
21) Isophorone	9.76	82	170555	16.903	ng/ul#	92
23) 2-Nitrophenol	9.95	139	59838	21.710	ng/ul	91
24) 2,4-Dimethylphenol	10.01	107	105823	19.459	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.24	93	111198	18.562	ng/ul	97
27) 2,4-Dichlorophenol	10.49	162	110249	21.347	ng/ul	98
28) Naphthalene	10.90	128	302337	20.035	ng/ul	98
30) 4-Chloroaniline	11.00	127	123377	21.243	ng/ul	98
31) Hexachlorobutadiene	11.19	225	79765	20.342	ng/ul	100
32) Caprolactam	11.75	113	28869	17.277	ng/ul#	71
33) 4-Chloro-3-methylphenol	12.13	107	98361	19.330	ng/ul	99
34) 2-Methylnaphthalene	12.51	142	241861	20.165	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	160261	21.634 ng/ul	95
37) Hexachlorocyclopentadiene	12.86	237	60600	12.957 ng/ul#	97
38) 2,4,6-Trichlorophenol	13.12	196	98603	21.508 ng/ul	98
39) 2,4,5-Trichlorophenol	13.19	196	110014	21.514 ng/ul	98
40) 1,1'-Biphenyl	13.52	154	310618	20.618 ng/ul	96
41) 2-Chloronaphthalene	13.56	162	257334	21.213 ng/ul	99
42) 2-Nitroaniline	13.76	65	55061	17.351 ng/ul	81
44) Dimethylphthalate	14.13	163	316258	19.822 ng/ul	98
45) 2,6-Dinitrotoluene	14.25	165	72533	20.900 ng/ul	93
47) Acenaphthylene	14.40	152	376142	20.303 ng/ul	98
48) 3-Nitroaniline	14.58	138	56456	20.399 ng/ul	98
49) Acenaphthene	14.75	153	260305	20.094 ng/ul	99
50) 2,4-Dinitrophenol	14.80	184	31206	16.433 ng/ul	98
52) 4-Nitrophenol	14.89	109	32385	16.197 ng/ul	93
53) Dibenzofuran	15.09	168	396878	20.528 ng/ul	98
54) 2,4-Dinitrotoluene	15.04	165	102354	20.285 ng/ul#	85
55) 2,3,4,6-Tetrachlorophenol	15.31	232	96640	19.941 ng/ul#	95
56) Diethylphthalate	15.50	149	305189	19.229 ng/ul	98
58) Fluorene	15.73	166	315048	20.231 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.73	204	184517	20.405 ng/ul	97
60) 4-Nitroaniline	15.74	138	54060	17.532 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.81	198	57532	18.055 ng/ul#	95
64) N-Nitrosodiphenylamine	15.94	169	289105	21.138 ng/ul	97
65) 4-Bromophenyl-phenylether	16.62	248	130669	21.411 ng/ul	97
66) Hexachlorobenzene	16.75	284	133310	21.749 ng/ul#	94
67) Atrazine	16.89	200	109689	19.136 ng/ul	99
68) Pentachlorophenol	17.09	266	59455	17.809 ng/ul	95
69) Phenanthrene	17.48	178	517673	20.512 ng/ul	99
71) Anthracene	17.57	178	528038	20.629 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	163567	22.265 ng/uL	99
73) Pentachlorobenzene	15.01	250	166734	22.447 ng/uL	99
74) Carbazole	17.83	167	457886	21.595 ng/ul	100
75) Di-n-butylphthalate	18.40	149	507505	19.420 ng/ul	99
76) Fluoranthene	19.49	202	661117	22.672 ng/ul	97
79) Pyrene	19.85	202	637834	20.384 ng/ul	99
80) Butylbenzylphthalate	20.74	149	232658	18.891 ng/ul	94
81) 3,3'-Dichlorobenzidine	21.61	252	233284	22.065 ng/ul#	96
82) Benzo(a)anthracene	21.70	228	668996	20.742 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.61	149	307022	18.270 ng/ul	99
84) Chrysene	21.77	228	620003	20.596 ng/ul	99
86) Di-n-octyl phthalate	22.83	149	540583	21.639 ng/ul	100
87) Benzo(b)fluoranthene	23.95	252	652502	20.593 ng/ul	99
88) Benzo(k)fluoranthene	24.02	252	670491	22.008 ng/ul	99
90) Benzo(a)pyrene	24.83	252	632253	20.939 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.72	276	573510	16.285 ng/ul	97
92) Dibenzo(a,h)anthracene	28.78	278	474456	16.516 ng/ul	98
93) Benzo(g,h,i)perylene	29.87	276	412209	14.019 ng/ul	98

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

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