Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046056.D
Acq On : 24 Jul 2020 8:54
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02032

Quant Time: Jul 24 10:08:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 24 10:06:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	80783	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	343655	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	230457	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	530402	20.00	ng/ul	0.00
78) Chrysene-d12	21.58	240	541309	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	561269	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	13877	8.48	ng/uL	0.00
5) Phenol-d5	7.12	99	131088	20.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	82242	20.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	105985	20.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	112327	21.00	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	50372	20.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	52470	21.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	116602	20.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	128417	20.31	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	374874	20.86	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	445425	20.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	59797	20.37	ng/ul	0.00
58) Fluorene-d10	15.58	176	338301	20.68	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	48658	18.33	ng/ul	0.00
71) Anthracene-d10	17.43	188	511135	20.90	ng/ul	0.00
79) Pyrene-d10	19.71	212	596936	20.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	640089	20.58	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	16513	8.245	ng/uL	98
4) Benzaldehyde	7.10	77	91489	20.243	ng/ul	98
6) Phenol	7.15	94	137364	21.037	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.38	93	112920	21.130	ng/ul	98
10) 2-Chlorophenol	7.53	128	109244	21.237	ng/ul	97
11) 2-Methylphenol	8.40	108	106922	20.321	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.49	45	190299	21.069	ng/ul	99
14) Acetophenone	8.78	105	170393	21.593	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.76	70	88441	20.713	ng/ul	95
16) 4-Methylphenol	8.73	108	119263	21.157	ng/ul	94
17) Hexachloroethane	9.05	117	44785	20.518	ng/ul	96
20) Nitrobenzene	9.16	77	127307	20.422	ng/ul	99
21) Isophorone	9.68	82	252679	20.742	ng/ul	94
23) 2-Nitrophenol	9.87	139	59633	21.480	ng/ul	98
24) 2,4-Dimethylphenol	9.93	107	127683	20.755	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.17	93	156727	20.339	ng/ul	99
27) 2,4-Dichlorophenol	10.41	162	116325	21.028	ng/ul	96
28) Naphthalene	10.81	128	372365	20.247	ng/ul	99
30) 4-Chloroaniline	10.91	127	123708	20.348	ng/ul	93
31) Hexachlorobutadiene	11.11	225	87140	20.470	ng/ul	96
32) Caprolactam	11.66	113	37791	20.265	ng/ul	97
33) 4-Chloro-3-methylphenol	12.04	107	118082	20.819	ng/ul	99
34) 2-Methylnaphthalene	12.42	142	281680	20.372	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.64	142	278244	20.376 ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	167012	20.962 ng/ul	98
38) Hexachlorocyclopentadiene	12.78	237	90133	19.759 ng/ul	94
39) 2,4,6-Trichlorophenol	13.02	196	99271	21.315 ng/ul	97
40) 2,4,5-Trichlorophenol	13.09	196	108356	21.402 ng/ul	99
41) 1,1'-Biphenyl	13.42	154	368099	20.644 ng/ul	98
42) 2-Chloronaphthalene	13.46	162	297521	20.913 ng/ul	99
43) 2-Nitroaniline	13.66	65	71290	21.258 ng/ul	96
45) Dimethylphthalate	14.04	163	373041	20.695 ng/ul	99
46) 2,6-Dinitrotoluene	14.15	165	74322	21.621 ng/ul	99
48) Acenaphthylene	14.31	152	458409	21.004 ng/ul	99
49) 3-Nitroaniline	14.48	138	65025	20.081 ng/ul	98
50) Acenaphthene	14.65	153	324992	20.681 ng/ul	98
51) 2,4-Dinitrophenol	14.69	184	23942	15.734 ng/ul	93
53) 4-Nitrophenol	14.79	109	43397	20.603 ng/ul	89
54) Dibenzofuran	14.99	168	449859	20.992 ng/ul	98
55) 2,4-Dinitrotoluene	14.94	165	104215	21.289 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.21	232	101553	21.512 ng/ul	96
57) Diethylphthalate	15.41	149	371226	20.849 ng/ul	98
59) Fluorene	15.64	166	375126	20.642 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.63	204	192421	20.154 ng/ul	98
61) 4-Nitroaniline	15.64	138	74413	20.613 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.70	198	53328	18.860 ng/ul	98
65) N-Nitrosodiphenylamine	15.84	169	325300	21.093 ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	137795	20.906 ng/ul	95
67) Hexachlorobenzene	16.64	284	152579	20.508 ng/ul	100
68) Atrazine	16.79	200	132833	21.546 ng/ul	96
69) Pentachlorophenol	16.98	266	77421	19.523 ng/ul	98
70) Phenanthrene	17.37	178	620085	20.948 ng/ul	100
72) Anthracene	17.46	178	627510	21.275 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	166268	20.875 ng/uL	98
74) Pentachlorobenzene	14.91	250	165966	20.633 ng/uL	95
75) Carbazole	17.73	167	546070	23.072 ng/ul	98
76) Di-n-butylphthalate	18.30	149	625195	21.468 ng/ul	100
77) Fluoranthene	19.38	202	771134	23.749 ng/ul	99
80) Pyrene	19.74	202	769343	21.019 ng/ul	99
81) Butylbenzylphthalate	20.64	149	266976	21.250 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.48	252	249252	21.453 ng/ul	99
83) Benzo(a)anthracene	21.56	228	736029	20.647 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	396100	21.673 ng/ul	98
85) Chrysene	21.62	228	725077	20.923 ng/ul	100
87) Di-n-octyl phthalate	22.68	149	692600	23.616 ng/ul	100
88) Benzo(b)fluoranthene	23.71	252	771846	20.355 ng/ul	99
89) Benzo(k)fluoranthene	23.78	252	772353	20.745 ng/ul	98
91) Benzo(a)pyrene	24.54	252	716066	20.593 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.22	276	890495	20.506 ng/ul	99
93) Dibenzo(a,h)anthracene	28.28	278	732096	20.607 ng/ul	97
94) Benzo(g,h,i)perylene	29.30	276	733100	19.973 ng/ul	97

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

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