Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080620\
Data File : BG046175.D
Acq On : 6 Aug 2020 9:52
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02039

Quant Time: Aug 06 10:39:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 10:37:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	104299	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	419586	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.58	164	285831	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	643910	20.00	ng/ul	0.00
78) Chrysene-d12	21.56	240	648343	20.00	ng/ul	0.00
86) Perylene-d12	24.67	264	691074	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	16133	7.64	ng/uL	0.00
5) Phenol-d5	7.11	99	161613	19.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	95294	18.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	133090	20.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	133296	19.30	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	63529	21.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	73231	24.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	147751	21.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	164627	21.33	ng/ul	0.00
44) Dimethylphthalate-d6	13.98	166	444787	19.95	ng/ul	0.00
47) Acenaphthylene-d8	14.27	160	535430	20.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.76	143	70781	19.44	ng/ul	0.00
58) Fluorene-d10	15.57	176	404307	19.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.68	200	68366	21.21	ng/ul	0.00
71) Anthracene-d10	17.41	188	610980	20.58	ng/ul	0.00
79) Pyrene-d10	19.70	212	696859	20.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.46	264	758528	19.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	18686	7.226	ng/uL#	93
4) Benzaldehyde	7.09	77	107793	18.473	ng/ul	100
6) Phenol	7.14	94	166985	19.807	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.37	93	136312	19.756	ng/ul	99
10) 2-Chlorophenol	7.52	128	133685	20.129	ng/ul	98
11) 2-Methylphenol	8.39	108	131547	19.364	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.48	45	204969	17.576	ng/ul	98
14) Acetophenone	8.77	105	197867	19.421	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.75	70	102932	18.672	ng/ul	95
16) 4-Methylphenol	8.72	108	144028	19.789	ng/ul	94
17) Hexachloroethane	9.04	117	55006	19.518	ng/ul	93
20) Nitrobenzene	9.15	77	151266	19.875	ng/ul	95
21) Isophorone	9.67	82	295224	19.848	ng/ul	98
23) 2-Nitrophenol	9.86	139	79052	23.322	ng/ul	94
24) 2,4-Dimethylphenol	9.92	107	150317	20.012	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.15	93	184058	19.563	ng/ul	98
27) 2,4-Dichlorophenol	10.39	162	145702	21.572	ng/ul	99
28) Naphthalene	10.80	128	442022	19.685	ng/ul	99
30) 4-Chloroaniline	10.90	127	160735	21.654	ng/ul	95
31) Hexachlorobutadiene	11.10	225	109924	21.149	ng/ul	99
32) Caprolactam	11.64	113	47143	20.705	ng/ul	89
33) 4-Chloro-3-methylphenol	12.03	107	141274	20.400	ng/ul	96
34) 2-Methylnaphthalene	12.41	142	338438	20.047	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	326899	19.607	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.77	216	204292	20.674	ng/ul	100
38) Hexachlorocyclopentadiene	12.76	237	106536	18.830	ng/ul	96
39) 2,4,6-Trichlorophenol	13.01	196	125867	21.790	ng/ul	99
40) 2,4,5-Trichlorophenol	13.08	196	134566	21.430	ng/ul	100
41) 1,1'-Biphenyl	13.41	154	435635	19.699	ng/ul	99
42) 2-Chloronaphthalene	13.45	162	351697	19.932	ng/ul	99
43) 2-Nitroaniline	13.65	65	83962	20.186	ng/ul	92
45) Dimethylphthalate	14.03	163	436991	19.546	ng/ul	100
46) 2,6-Dinitrotoluene	14.14	165	93248	21.871	ng/ul	97
48) Acenaphthylene	14.30	152	538286	19.885	ng/ul	99
49) 3-Nitroaniline	14.47	138	83230	20.724	ng/ul	89
50) Acenaphthene	14.64	153	379778	19.486	ng/ul	99
51) 2,4-Dinitrophenol	14.68	184	34367	18.209	ng/ul	94
53) 4-Nitrophenol	14.78	109	49252	18.852	ng/ul	94
54) Dibenzofuran	14.98	168	529177	19.910	ng/ul	100
55) 2,4-Dinitrotoluene	14.93	165	132827	21.877	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.20	232	128557	21.957	ng/ul	97
57) Diethylphthalate	15.40	149	436450	19.764	ng/ul	97
59) Fluorene	15.62	166	443470	19.676	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.62	204	235128	19.856	ng/ul	96
61) 4-Nitroaniline	15.63	138	92735	20.712	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.69	198	75353	21.952	ng/ul	99
65) N-Nitrosodiphenylamine	15.83	169	384839	20.555	ng/ul	99
66) 4-Bromophenyl-phenylether	16.51	248	164524	20.561	ng/ul	95
67) Hexachlorobenzene	16.63	284	194041	21.483	ng/ul	97
68) Atrazine	16.78	200	157615	21.059	ng/ul	99
69) Pentachlorophenol	16.97	266	94413	19.611	ng/ul	97
70) Phenanthrene	17.36	178	730149	20.318	ng/ul	99
72) Anthracene	17.45	178	738171	20.616	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.38	216	203322	21.027	ng/uL	97
74) Pentachlorobenzene	14.90	250	206876	21.185	ng/uL	99
75) Carbazole	17.71	167	635055	22.102	ng/ul	99
76) Di-n-butylphthalate	18.29	149	740972	20.958	ng/ul	99
77) Fluoranthene	19.36	202	900405	22.842	ng/ul	99
80) Pyrene	19.73	202	885723	20.204	ng/ul	99
81) Butylbenzylphthalate	20.62	149	314221	20.882	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.46	252	299242	21.504	ng/ul	100
83) Benzo(a)anthracene	21.54	228	859162	20.122	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	454991	20.786	ng/ul	97
85) Chrysene	21.61	228	830926	20.019	ng/ul	99
87) Di-n-octyl phthalate	22.65	149	779570	21.588	ng/ul	100
88) Benzo(b)fluoranthene	23.69	252	909798	19.487	ng/ul	99
89) Benzo(k)fluoranthene	23.75	252	922960	20.134	ng/ul	100
91) Benzo(a)pyrene	24.52	252	847415	19.793	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	28.18	276	1054329	19.719	ng/ul	99
93) Dibenzo(a,h)anthracene	28.24	278	873341	19.966	ng/ul	99
94) Benzo(g,h,i)perylene	29.27	276	889039	19.672	ng/ul	98

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

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