Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011421\
Data File : BG047915.D
Acq On : 14 Jan 2021 11:57
Operator : CG/JU
Sample : L5214-01
Misc : MDL-W-01
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDL-WATER-QT1-2021-01

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1/18/2021 3:35:32 PM

Quant Time: Jan 14 12:39:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG011321.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 15:41:08 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	95046	20.00	ng/ul	0.00
20) Naphthalene-d8	10.97	136	364135	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.78	164	253091	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.52	188	622102	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	688607	20.00	ng/ul	0.00
88) Perylene-d12	25.12	264	653552	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.57	96	8266	3.05	ng/uL	0.00
4) Pyridine-d5	3.98	84	160223	22.23	ng/ul	0.00
7) Phenol-d5	7.29	99	323101	39.44	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.47	67	214396	41.18	ng/ul	0.00
11) 2-Chlorophenol-d4	7.68	132	246107	39.34	ng/ul	0.00
15) 4-Methylphenol-d8	8.84	113	261675	40.43	ng/ul	0.00
21) Nitrobenzene-d5	9.32	128	108809	47.82	ng/ul	0.00
24) 2-Nitrophenol-d4	10.04	143	115227	47.85	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.58	165	260856	40.27	ng/ul	0.00
31) 4-Chloroaniline-d4	11.09	131	344784	39.88	ng/ul	0.00
46) Dimethylphthalate-d6	14.18	166	843683	40.42	ng/ul	0.00
49) Acenaphthylene-d8	14.47	160	1003951	40.69	ng/ul	0.00
54) 4-Nitrophenol-d4	14.94	143	129185	42.04	ng/ul	0.00
60) Fluorene-d10	15.77	176	722802	38.81	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.87	200	110096	39.50	ng/ul	0.00
73) Anthracene-d10	17.62	188	1152897	38.68	ng/ul	0.00
81) Pyrene-d10	19.89	212	1395284	37.24	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.89	264	1382763	38.18	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	3621m	1.277	ng/uL	
5) Pyridine	4.00	79	28191	3.859	ng/ul#	54
6) Benzaldehyde	7.29	77	22078	5.957	ng/ul	93
8) Phenol	7.32	94	31406	3.796	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.57	93	25507	3.996	ng/ul	94
12) 2-Chlorophenol	7.71	128	22349	3.620	ng/ul	98
13) 2-Methylphenol	8.58	108	24183	3.800	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.67	45	36136	3.767	ng/ul	97
16) Acetophenone	8.98	105	38700	3.889	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.95	70	24316	4.190	ng/ul#	81
18) 4-Methylphenol	8.91	108	24033	3.638	ng/ul	96
19) Hexachloroethane	9.25	117	10366	3.789	ng/ul#	82
22) Nitrobenzene	9.36	77	30219	4.427	ng/ul	95
23) Isophorone	9.88	82	61958	3.878	ng/ul	97
25) 2-Nitrophenol	10.07	139	12776	4.719	ng/ul	97
26) 2,4-Dimethylphenol	10.12	107	29264	3.889	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.36	93	33522	3.927	ng/ul	96
29) 2,4-Dichlorophenol	10.61	162	23741	4.007	ng/ul	93
30) Naphthalene	11.02	128	76513	3.911	ng/ul	98
32) 4-Chloroaniline	11.12	127	31596	3.995	ng/ul	99
33) Hexachlorobutadiene	11.30	225	20590	3.836	ng/ul	97
34) Caprolactam	11.92	113	8082m	3.682	ng/ul	

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35) 4-Chloro-3-methylphenol	12.22	107	24214	3.613	ng/ul	95
36) 2-Methylnaphthalene	12.62	142	58937	4.034	ng/ul	96
37) 1-Methylnaphthalene	12.83	142	56913	4.076	ng/ul	90
39) 1,2,4,5-Tetrachlorobenzene	12.98	216	38175	3.975	ng/ul#	95
40) Hexachlorocyclopentadiene	12.97	237	21031	3.609	ng/ul	99
41) 2,4,6-Trichlorophenol	13.20	196	21527	3.804	ng/ul	94
42) 2,4,5-Trichlorophenol	13.27	196	21407m	3.578	ng/ul	
43) 1,1'-Biphenyl	13.61	154	77139	3.896	ng/ul#	98
44) 2-Chloronaphthalene	13.66	162	60940	3.955	ng/ul	98
45) 2-Nitroaniline	13.84	65	14325	3.948	ng/ul	90
47) Dimethylphthalate	14.22	163	79543	3.731	ng/ul	99
48) 2,6-Dinitrotoluene	14.34	165	11250	3.530	ng/ul#	83
50) Acenaphthylene	14.50	152	86770	3.663	ng/ul	97
51) 3-Nitroaniline	14.67	138	12685	4.533	ng/ul#	93
52) Acenaphthene	14.84	153	65486	3.800	ng/ul	99
53) 2,4-Dinitrophenol	14.87	184	6808	3.430	ng/ul#	87
55) 4-Nitrophenol	14.95	109	12992	3.988	ng/ul	97
56) Dibenzofuran	15.17	168	90828	3.896	ng/ul	94
57) 2,4-Dinitrotoluene	15.12	165	17863	4.042	ng/ul	89
58) 2,3,4,6-Tetrachlorophenol	15.39	232	20157	3.689	ng/ul	94
59) Diethylphthalate	15.58	149	83186	3.914	ng/ul	97
61) Fluorene	15.82	166	77785	3.935	ng/ul	96
62) 4-Chlorophenyl-phenylether	15.81	204	43307	3.816	ng/ul	97
63) 4-Nitroaniline	15.82	138	12973	4.569	ng/ul	89
66) 4,6-Dinitro-2-methylphenol	15.88	198	11312	3.665	ng/ul#	61
67) N-Nitrosodiphenylamine	16.02	169	71064	3.944	ng/ul	99
68) 4-Bromophenyl-phenylether	16.71	248	29336	3.826	ng/ul	90
69) Hexachlorobenzene	16.82	284	31320	3.995	ng/ul	94
70) Atrazine	16.96	200	29556	3.903	ng/ul	95
71) Pentachlorophenol	17.16	266	17122	3.590	ng/ul	96
72) Phenanthrene	17.56	178	129130	3.833	ng/ul	97
74) Anthracene	17.66	178	128998	3.830	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.58	216	39754	4.057	ng/uL	98
76) Pentachlorobenzene	15.09	250	34017	3.562	ng/uL	96
77) Carbazole	17.91	167	121245	4.370	ng/ul	99
78) Di-n-butylphthalate	18.48	149	141269	3.875	ng/ul	99
80) Fluoranthene	19.56	202	183463	3.878	ng/ul	98
82) Pyrene	19.92	202	177606	3.820	ng/ul	99
83) Butylbenzylphthalate	20.81	149	58387	3.570	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.69	252	60685	3.794	ng/ul	95
85) Benzo(a)anthracene	21.78	228	190301	3.951	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.70	149	89486	3.688	ng/ul#	95
87) Chrysene	21.85	228	180316	3.894	ng/ul	97
89) Di-n-octyl phthalate	22.96	149	142566	3.840	ng/ul	100
90) Benzo(b)fluoranthene	24.06	252	178815	3.968	ng/ul#	99
91) Benzo(k)fluoranthene	24.13	252	177073m	4.007	ng/ul	
93) Benzo(a)pyrene	24.97	252	150618	3.707	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	28.90	276	194966m	3.885	ng/ul	
95) Dibenzo(a,h)anthracene	28.97	278	160145	3.910	ng/ul	93
96) Benzo(g,h,i)perylene	30.07	276	156930	3.801	ng/ul	98

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

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