Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031521\
Data File : BG048378.D
Acq On : 15 Mar 2021 10:24
Operator : CG/JU
Sample : M1344-02
Misc : SFAM-MDL-W-02
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-QT2-2021-04

Manual Integrations APPROVED
mohammad
3/16/2021 11:16:24 AM

Quant Time: Mar 15 12:02:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG031121.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 15 10:45:12 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	40442	20.00	ng/ul	0.00
20) Naphthalene-d8	10.94	136	149973	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.76	164	116219	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.51	188	300123	20.00	ng/ul	0.00
79) Chrysene-d12	21.80	240	362169	20.00	ng/ul	0.00
88) Perylene-d12	25.15	264	355345	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	3930	4.21	ng/uL	0.00
4) Pyridine-d5	3.93	84	73596	25.75	ng/ul	0.00
7) Phenol-d5	7.25	99	107080	30.48	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.43	67	71481	32.95	ng/ul	0.00
11) 2-Chlorophenol-d4	7.64	132	73740	30.20	ng/ul	0.00
15) 4-Methylphenol-d8	8.81	113	82499	28.62	ng/ul	0.00
21) Nitrobenzene-d5	9.29	128	35723	34.40	ng/ul	0.00
24) 2-Nitrophenol-d4	10.01	143	39187	34.47	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.54	165	87407	31.29	ng/ul	0.00
31) 4-Chloroaniline-d4	11.07	131	104823	29.80	ng/ul	0.00
46) Dimethylphthalate-d6	14.16	166	306096	32.02	ng/ul	0.00
49) Acenaphthylene-d8	14.45	160	359729	34.26	ng/ul	0.00
54) 4-Nitrophenol-d4	14.92	143	45644	32.06	ng/ul	0.00
60) Fluorene-d10	15.75	176	271788	32.21	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.85	200	44846	29.24	ng/ul	0.00
73) Anthracene-d10	17.61	188	459052	33.48	ng/ul	0.00
81) Pyrene-d10	19.89	212	575461	31.07	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.91	264	658045	34.16	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	1044	1.115	ng/uL#	59
5) Pyridine	3.96	79	8710	3.051	ng/ul#	71
6) Benzaldehyde	7.25	77	10666	4.807	ng/ul#	81
8) Phenol	7.28	94	11480	3.091	ng/ul#	74
10) Bis(2-Chloroethyl)ether	7.53	93	9786	3.613	ng/ul	96
12) 2-Chlorophenol	7.67	128	8892	3.431	ng/ul	93
13) 2-Methylphenol	8.55	108	8683	3.125	ng/ul	87
14) 2,2'-oxybis(1-Chloropropan	8.65	45	10921	3.412	ng/ul	100
16) Acetophenone	8.94	105	15964	3.379	ng/ul#	95
17) N-Nitroso-di-n-propylamine	8.92	70	8505	3.036	ng/ul#	89
18) 4-Methylphenol	8.87	108	9374	3.213	ng/ul#	73
19) Hexachloroethane	9.22	117	3992	3.306	ng/ul#	83
22) Nitrobenzene	9.32	77	12931	3.777	ng/ul#	92
23) Isophorone	9.85	82	26324	3.720	ng/ul#	93
25) 2-Nitrophenol	10.03	139	5096m	3.936	ng/ul	
26) 2,4-Dimethylphenol	10.08	107	11990	3.520	ng/ul	91
27) Bis(2-Chloroethoxy)methane	10.33	93	13237	3.716	ng/ul#	89
29) 2,4-Dichlorophenol	10.57	162	8885	3.405	ng/ul	89
30) Naphthalene	10.99	128	30608	3.862	ng/ul	99
32) 4-Chloroaniline	11.09	127	12285	3.551	ng/ul	90
33) Hexachlorobutadiene	11.27	225	9646	3.886	ng/ul	89
34) Caprolactam	11.87	113	3400m	3.420	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.19	107	9987	3.263	ng/ul	97
36) 2-Methylnaphthalene	12.59	142	24296	3.974	ng/ul	94
37) 1-Methylnaphthalene	12.81	142	21348	3.526	ng/ul#	78
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	16238	3.670	ng/ul#	95
40) Hexachlorocyclopentadiene	12.93	237	10728	3.339	ng/ul	88
41) 2,4,6-Trichlorophenol	13.19	196	8491	3.119	ng/ul#	96
42) 2,4,5-Trichlorophenol	13.25	196	9044	3.095	ng/ul	89
43) 1,1'-Biphenyl	13.59	154	30965	3.601	ng/ul#	96
44) 2-Chloronaphthalene	13.63	162	24326	3.611	ng/ul#	87
45) 2-Nitroaniline	13.83	65	7262	3.490	ng/ul#	83
47) Dimethylphthalate	14.20	163	34264	3.548	ng/ul#	97
48) 2,6-Dinitrotoluene	14.32	165	5639	3.409	ng/ul#	83
50) Acenaphthylene	14.48	152	35840	3.560	ng/ul	97
51) 3-Nitroaniline	14.65	138	6087	3.828	ng/ul#	95
52) Acenaphthene	14.82	153	25351	3.395	ng/ul#	89
53) 2,4-Dinitrophenol	14.85	184	2882	2.619	ng/ul#	75
55) 4-Nitrophenol	14.94	109	6281	3.331	ng/ul	87
56) Dibenzofuran	15.16	168	38499	3.630	ng/ul	93
57) 2,4-Dinitrotoluene	15.10	165	8427	3.542	ng/ul#	84
58) 2,3,4,6-Tetrachlorophenol	15.37	232	9062	3.280	ng/ul#	93
59) Diethylphthalate	15.57	149	32050	3.321	ng/ul	97
61) Fluorene	15.81	166	32161	3.562	ng/ul#	94
62) 4-Chlorophenyl-phenylether	15.80	204	18451	3.369	ng/ul	95
63) 4-Nitroaniline	15.81	138	6339	3.829	ng/ul	87
66) 4,6-Dinitro-2-methylphenol	15.87	198	4908	3.048	ng/ul#	83
67) N-Nitrosodiphenylamine	16.01	169	27853	3.351	ng/ul	98
68) 4-Bromophenyl-phenylether	16.69	248	13275	3.478	ng/ul	90
69) Hexachlorobenzene	16.81	284	13888	3.462	ng/ul	92
70) Atrazine	16.95	200	12334	3.297	ng/ul#	86
71) Pentachlorophenol	17.15	266	6880	2.703	ng/ul	89
72) Phenanthrene	17.55	178	56094	3.681	ng/ul	97
74) Anthracene	17.64	178	56739	3.619	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.56	216	16779	3.566	ng/uL	86
76) Pentachlorobenzene	15.07	250	15590	3.163	ng/uL	90
77) Carbazole	17.91	167	46794	3.523	ng/ul#	96
78) Di-n-butylphthalate	18.46	149	55838	3.359	ng/ul	97
80) Fluoranthene	19.56	202	76608	3.333	ng/ul	99
82) Pyrene	19.92	202	80399	3.503	ng/ul	100
83) Butylbenzylphthalate	20.81	149	24189	2.947	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.69	252	28793	3.246	ng/ul	99
85) Benzo(a)anthracene	21.78	228	87918	3.674	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.69	149	35697	2.983	ng/ul	97
87) Chrysene	21.85	228	83784	3.662	ng/ul	97
89) Di-n-octyl phthalate	22.95	149	61108	3.159	ng/ul	100
90) Benzo(b)fluoranthene	24.07	252	82754	3.521	ng/ul	99
91) Benzo(k)fluoranthene	24.15	252	84766	3.670	ng/ul	96
93) Benzo(a)pyrene	24.98	252	75395	3.652	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	28.96	276	92725m	3.491	ng/ul	
95) Dibenzo(a,h)anthracene	29.03	278	78163	3.620	ng/ul#	97
96) Benzo(g,h,i)perylene	30.16	276	81085m	3.767	ng/ul	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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