Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072420\
Data File : BG046066.D
Acq On : 24 Jul 2020 15:37
Operator : CG/JU
Sample : L1955-09
Misc : MDL-WTR-02
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-02

Manual Integrations APPROVED
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Quant Time: Jul 24 17:40:46 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	97707	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	399563	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	271106	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	623221	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	647959	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	722082	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.43	96	3794	1.92	ng/uL	0.00
5) Phenol-d5	7.13	99	220107	28.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	136685	28.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	178276	29.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	180619	27.92	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	86299	30.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	92475	32.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	189366	29.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	251504	34.22	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	632732	29.92	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	761868	30.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.78	143	97211	28.15	ng/ul	0.00
58) Fluorene-d10	15.58	176	565796	29.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.69	200	84874	27.21	ng/ul	0.00
71) Anthracene-d10	17.43	188	849154	29.55	ng/ul	0.00
79) Pyrene-d10	19.71	212	1049011	30.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.48	264	1102334	27.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	4095	1.690	ng/uL	97
4) Benzaldehyde	7.10	77	13897m	2.542	ng/ul	
6) Phenol	7.15	94	30625	3.878	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.38	93	25830	3.996	ng/ul	95
10) 2-Chlorophenol	7.53	128	24882	3.999	ng/ul	98
11) 2-Methylphenol	8.40	108	22571	3.547	ng/ul	83
12) 2,2'-oxybis(1-Chloropropan	8.50	45	43274	3.961	ng/ul	95
14) Acetophenone	8.78	105	39444	4.133	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.77	70	19776	3.829	ng/ul	98
16) 4-Methylphenol	8.72	108	25485	3.738	ng/ul	100
17) Hexachloroethane	9.05	117	10390	3.936	ng/ul	96
20) Nitrobenzene	9.15	77	29192	4.028	ng/ul	99
21) Isophorone	9.68	82	53567	3.782	ng/ul	97
23) 2-Nitrophenol	9.86	139	13626	4.221	ng/ul	93
24) 2,4-Dimethylphenol	9.93	107	24247	3.390	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.16	93	34227	3.820	ng/ul	99
27) 2,4-Dichlorophenol	10.41	162	26110	4.060	ng/ul	95
28) Naphthalene	10.81	128	86580	4.049	ng/ul	97
30) 4-Chloroaniline	10.91	127	33736	4.773	ng/ul	98
31) Hexachlorobutadiene	11.11	225	19169	3.873	ng/ul	89
32) Caprolactam	11.69	113	6532m	3.013	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	22889	3.471	ng/ul	91
34) 2-Methylnaphthalene	12.41	142	65751	4.090	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	62849	3.958	ng/uL	100
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	39402	4.204	ng/ul	96
38) Hexachlorocyclopentadiene	12.78	237	12416	2.314	ng/ul	92
39) 2,4,6-Trichlorophenol	13.02	196	19307	3.524	ng/ul	90
40) 2,4,5-Trichlorophenol	13.09	196	21099	3.543	ng/ul	96
41) 1,1'-Biphenyl	13.43	154	88747	4.231	ng/ul	99
42) 2-Chloronaphthalene	13.46	162	69386	4.146	ng/ul	99
43) 2-Nitroaniline	13.66	65	13924	3.529	ng/ul	92
45) Dimethylphthalate	14.04	163	86023	4.057	ng/ul#	98
46) 2,6-Dinitrotoluene	14.15	165	14604	3.611	ng/ul#	95
48) Acenaphthylene	14.31	152	104398	4.066	ng/ul	99
49) 3-Nitroaniline	14.48	138	12710	3.337	ng/ul	92
50) Acenaphthene	14.65	153	72752	3.936	ng/ul	96
51) 2,4-Dinitrophenol	14.69	184	4409	2.463	ng/ul	97
53) 4-Nitrophenol	14.79	109	9467	3.821	ng/ul	91
54) Dibenzofuran	14.98	168	107071	4.247	ng/ul	97
55) 2,4-Dinitrotoluene	14.94	165	21757	3.778	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	15.21	232	21107	3.801	ng/ul#	90
57) Diethylphthalate	15.41	149	84247	4.022	ng/ul	99
59) Fluorene	15.63	166	87247	4.081	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.63	204	44745	3.984	ng/ul	97
61) 4-Nitroaniline	15.63	138	12426m	2.926	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	11921	3.588	ng/ul#	70
65) N-Nitrosodiphenylamine	15.84	169	76339	4.213	ng/ul	95
66) 4-Bromophenyl-phenylether	16.52	248	30794	3.976	ng/ul	91
67) Hexachlorobenzene	16.64	284	36233	4.145	ng/ul	93
68) Atrazine	16.79	200	28109	3.880	ng/ul	99
69) Pentachlorophenol	16.99	266	13160m	2.824	ng/ul	
70) Phenanthrene	17.37	178	148596	4.272	ng/ul	98
72) Anthracene	17.46	178	143291	4.135	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	40933	4.374	ng/uL	98
74) Pentachlorobenzene	14.91	250	38619	4.086	ng/uL	97
75) Carbazole	17.73	167	123937	4.457	ng/ul	99
76) Di-n-butylphthalate	18.30	149	135199	3.951	ng/ul	96
77) Fluoranthene	19.38	202	184153	4.827	ng/ul	98
80) Pyrene	19.74	202	188353	4.299	ng/ul	99
81) Butylbenzylphthalate	20.63	149	55419	3.685	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.47	252	52219	3.755	ng/ul	97
83) Benzo(a)anthracene	21.56	228	191141	4.479	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	79092	3.615	ng/ul#	96
85) Chrysene	21.62	228	179929	4.337	ng/ul	98
87) Di-n-octyl phthalate	22.67	149	130833	3.468	ng/ul	100
88) Benzo(b)fluoranthene	23.71	252	185980	3.812	ng/ul	97
89) Benzo(k)fluoranthene	23.77	252	183016	3.821	ng/ul	95
91) Benzo(a)pyrene	24.54	252	184542	4.125	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.20	276	198403m	3.551	ng/ul	
93) Dibenzo(a,h)anthracene	28.28	278	161882	3.542	ng/ul	97
94) Benzo(g,h,i)perylene	29.29	276	171126	3.624	ng/ul	99

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

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