Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072820\
Data File : BG046102.D
Acq On : 28 Jul 2020 14:19
Operator : CG/JU
Sample : L1955-14
Misc : MDL-WTR-07
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-WATER-07

Manual Integrations APPROVED
mohammad
7/29/2020 11:46:48 AM

Quant Time: Jul 28 15:06:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG072320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 28 10:34:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	94713	20.00	ng/ul	0.00
18) Naphthalene-d8	10.75	136	392756	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	276228	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.32	188	655920	20.00	ng/ul	0.00
78) Chrysene-d12	21.57	240	686062	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	762156	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	13010	6.78	ng/uL	0.00
5) Phenol-d5	7.12	99	202946	27.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.29	67	125859	27.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	165235	27.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	163360	26.05	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	81895	29.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.84	143	89752	31.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	174995	27.28	ng/ul	0.00
29) 4-Chloroaniline-d4	10.88	131	238509	33.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	618416	28.71	ng/ul	0.00
47) Acenaphthylene-d8	14.28	160	732994	28.67	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	95686	27.20	ng/ul	0.00
58) Fluorene-d10	15.58	176	553018	28.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.68	200	89153	27.16	ng/ul	0.00
71) Anthracene-d10	17.42	188	864463	28.58	ng/ul	0.00
79) Pyrene-d10	19.71	212	1076689	29.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.47	264	1107609	26.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	3224	1.373	ng/uL	98
4) Benzaldehyde	7.09	77	11583	2.186	ng/ul	92
6) Phenol	7.15	94	25508	3.332	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.38	93	20505	3.273	ng/ul	93
10) 2-Chlorophenol	7.53	128	19958	3.309	ng/ul	100
11) 2-Methylphenol	8.40	108	18155	2.943	ng/ul	84
12) 2,2'-oxybis(1-Chloropropan	8.50	45	36145	3.413	ng/ul	98
14) Acetophenone	8.77	105	31971	3.456	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.76	70	17055	3.407	ng/ul	95
16) 4-Methylphenol	8.73	108	20526	3.106	ng/ul	96
17) Hexachloroethane	9.05	117	8553	3.342	ng/ul	93
20) Nitrobenzene	9.15	77	24851	3.488	ng/ul	97
21) Isophorone	9.68	82	45640	3.278	ng/ul	96
23) 2-Nitrophenol	9.87	139	11489	3.621	ng/ul	97
24) 2,4-Dimethylphenol	9.93	107	19550	2.781	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.17	93	28081	3.189	ng/ul	95
27) 2,4-Dichlorophenol	10.40	162	22224	3.515	ng/ul#	87
28) Naphthalene	10.81	128	70952	3.376	ng/ul	99
30) 4-Chloroaniline	10.91	127	27875	4.012	ng/ul	99
31) Hexachlorobutadiene	11.11	225	16491	3.390	ng/ul	94
32) Caprolactam	11.68	113	6342m	2.976	ng/ul	
33) 4-Chloro-3-methylphenol	12.03	107	19005	2.932	ng/ul	97
34) 2-Methylnaphthalene	12.41	142	56916	3.602	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.63	142	54485	3.491 ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.78	216	34256	3.587 ng/ul	93
38) Hexachlorocyclopentadiene	12.77	237	12194	2.230 ng/ul	86
39) 2,4,6-Trichlorophenol	13.02	196	16771	3.004 ng/ul	97
40) 2,4,5-Trichlorophenol	13.09	196	17025	2.806 ng/ul	84
41) 1,1'-Biphenyl	13.42	154	74720	3.496 ng/ul	96
42) 2-Chloronaphthalene	13.46	162	58908	3.455 ng/ul	96
43) 2-Nitroaniline	13.66	65	12856	3.198 ng/ul#	79
45) Dimethylphthalate	14.04	163	75572	3.498 ng/ul	97
46) 2,6-Dinitrotoluene	14.15	165	13668	3.317 ng/ul	92
48) Acenaphthylene	14.30	152	89613	3.426 ng/ul	100
49) 3-Nitroaniline	14.48	138	10439	2.690 ng/ul	98
50) Acenaphthene	14.65	153	64249	3.411 ng/ul	98
51) 2,4-Dinitrophenol	14.69	184	4079	2.236 ng/ul#	82
53) 4-Nitrophenol	14.79	109	8817	3.492 ng/ul	95
54) Dibenzofuran	14.99	168	94472	3.678 ng/ul	99
55) 2,4-Dinitrotoluene	14.93	165	20604	3.512 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.21	232	17792	3.144 ng/ul	96
57) Diethylphthalate	15.40	149	75326	3.530 ng/ul	97
59) Fluorene	15.63	166	78656	3.611 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.63	204	39788	3.477 ng/ul	94
61) 4-Nitroaniline	15.64	138	11605m	2.682 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.70	198	11708	3.348 ng/ul#	71
65) N-Nitrosodiphenylamine	15.84	169	66433	3.483 ng/ul	99
66) 4-Bromophenyl-phenylether	16.52	248	27668	3.394 ng/ul	92
67) Hexachlorobenzene	16.64	284	31670	3.442 ng/ul	97
68) Atrazine	16.78	200	26159	3.431 ng/ul	98
69) Pentachlorophenol	16.98	266	13269m	2.706 ng/ul	
70) Phenanthrene	17.37	178	135346	3.697 ng/ul	98
72) Anthracene	17.46	178	128984	3.536 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.39	216	35418	3.596 ng/uL	90
74) Pentachlorobenzene	14.91	250	34655	3.484 ng/uL	99
75) Carbazole	17.72	167	112634	3.848 ng/ul	100
76) Di-n-butylphthalate	18.30	149	127692	3.546 ng/ul	99
77) Fluoranthene	19.37	202	172381	4.293 ng/ul	99
80) Pyrene	19.74	202	170783	3.681 ng/ul	99
81) Butylbenzylphthalate	20.63	149	53839	3.381 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.48	252	44946	3.052 ng/ul	99
83) Benzo(a)anthracene	21.55	228	174875	3.870 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.49	149	76589	3.306 ng/ul	97
85) Chrysene	21.62	228	162807	3.707 ng/ul	97
87) Di-n-octyl phthalate	22.67	149	127194	3.194 ng/ul	100
88) Benzo(b)fluoranthene	23.70	252	168489	3.272 ng/ul	98
89) Benzo(k)fluoranthene	23.76	252	172144m	3.405 ng/ul	
91) Benzo(a)pyrene	24.54	252	166113m	3.518 ng/ul	
92) Indeno(1,2,3-cd)pyrene	28.21	276	177048m	3.002 ng/ul	
93) Dibenzo(a,h)anthracene	28.27	278	149345	3.096 ng/ul	97
94) Benzo(g,h,i)perylene	29.30	276	151493	3.039 ng/ul	97

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

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