Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061521\
Data File : VN067340.D
Acq On : 15 Jun 2021 12:34
Operator : JC/MD
Sample : M2262-09 .2PPB MDL
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT2-2021DL

Manual Integrations APPROVED
MMDadoda
6/16/2021 5:03:03 PM

Quant Time: Jun 16 04:30:20 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061421W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 16 04:29:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.088	168	452524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	856441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.749	117	773297	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	300421	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	444616	49.805	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 99.620%			
35) Dibromofluoromethane	8.024	113	284054	49.869	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.740%			
50) Toluene-d8	10.443	98	1084585	49.679	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.360%			
62) 4-Bromofluorobenzene	12.733	95	420583	46.681	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.360%			
Target Compounds						Qvalue
3) Chloromethane	2.301	50	1500	0.218	ug/l	98
5) Bromomethane	2.842	94	1153	0.404	ug/l #	24
6) Chloroethane	3.011	64	906m	0.219	ug/l	
11) Tert butyl alcohol	5.388	59	1006m	0.685	ug/l	
13) Acrolein	4.041	56	1727	1.883	ug/l #	54
14) Allyl chloride	4.827	41	3816m	0.317	ug/l	
15) Acrylonitrile	5.575	53	2231m	0.692	ug/l	
16) Acetone	4.291	43	5850	1.708	ug/l	97
18) Methyl Acetate	4.859	43	3848m	0.463	ug/l	
20) Methylene Chloride	5.095	84	3778m	0.530	ug/l	
23) Vinyl Acetate	6.447	43	13819m	0.678	ug/l	
25) 2-Butanone	7.348	43	5284m	1.079	ug/l	
29) Tetrahydrofuran	7.710	42	2258	0.732	ug/l #	78
31) Cyclohexane	8.083	56	16745	1.380	ug/l #	23
36) 1,1-Dichloropropene	8.225	75	2024	0.211	ug/l #	63
37) Ethyl Acetate	7.429	43	3068m	0.302	ug/l	
41) Methacrylonitrile	7.640	41	1604m	0.303	ug/l	
42) 1,2-Dichloroethane	8.536	62	2666	0.235	ug/l #	79
48) Methyl methacrylate	9.569	41	2283m	0.274	ug/l	
49) 1,4-Dioxane	9.579	88	307	2.694	ug/l #	49
51) 4-Methyl-2-Pentanone	10.333	43	7048	0.670	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.043	63	2231	0.654	ug/l #	67
59) 2-Hexanone	11.092	43	6242	0.811	ug/l	95
68) m/p-Xylenes	11.950	106	3242	0.274	ug/l	98
88) 1,4-Dichlorobenzene	13.702	146	2470m	0.232	ug/l	
92) 1,2-Dibromo-3-Chloropr...	14.603	75	470	0.219	ug/l #	27
93) 1,2,4-Trichlorobenzene	15.268	180	1380	0.263	ug/l	96
95) Naphthalene	15.507	128	6249	0.391	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.702	180	1582m	0.314	ug/l	

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

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