Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080521\
Data File : VN068022.D
Acq On : 5 Aug 2021 17:45
Operator : JC/MD
Sample : M2940-09 .5PPB MDL
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT3-2021DL

Manual Integrations APPROVED
MMDadoda
8/6/2021 5:42:53 PM

Quant Time: Aug 06 02:09:47 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072921W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 06 02:07:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	8.086	168	335017	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	665836	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	595834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	201461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	279177	58.864	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 117.720%			
35) Dibromofluoromethane	8.024	113	202746	52.249	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.500%			
50) Toluene-d8	10.443	98	792338	50.452	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.900%			
62) 4-Bromofluorobenzene	12.733	95	243006	44.669	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 89.340%			
Target Compounds						Qvalue
3) Chloromethane	2.301	50	1408	0.330	ug/l #	57
5) Bromomethane	2.842	94	2486	0.419	ug/l #	72
6) Chloroethane	3.006	64	1203	0.233	ug/l #	56
11) Tert butyl alcohol	5.398	59	141	0.222	ug/l #	71
13) Acrolein	4.033	56	1036m	2.402	ug/l	
14) Allyl chloride	4.832	41	1452m	0.269	ug/l	
15) Acrylonitrile	5.559	53	1584m	0.889	ug/l	
16) Acetone	4.293	43	3383m	1.955	ug/l	
17) Carbon Disulfide	4.527	76	2154	0.234	ug/l #	74
18) Methyl Acetate	4.864	43	7817	1.752	ug/l #	65
20) Methylene Chloride	5.090	84	6607	1.487	ug/l #	84
23) Vinyl Acetate	6.436	43	6730	0.675	ug/l #	84
25) 2-Butanone	7.345	43	2331m	0.928	ug/l	
28) Bromochloromethane	7.654	49	1485m	0.450	ug/l	
29) Tetrahydrofuran	7.694	42	1493m	0.929	ug/l	
30) Chloroform	7.828	83	1859	0.242	ug/l	97
31) Cyclohexane	8.088	56	10102	1.444	ug/l #	32
38) Carbon Tetrachloride	8.193	117	1223m	0.202	ug/l	
42) 1,2-Dichloroethane	8.536	62	1767m	0.262	ug/l	
48) Methyl methacrylate	9.563	41	949	0.228	ug/l #	83
49) 1,4-Dioxane	9.574	88	167	2.174	ug/l #	12
51) 4-Methyl-2-Pentanone	10.336	43	5265	0.884	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.043	63	1867	1.688	ug/l	95
59) 2-Hexanone	11.089	43	4175	0.976	ug/l	91
68) m/p-Xylenes	11.961	106	2294	0.284	ug/l	89
74) N-amyl acetate	12.387	43	1328	0.232	ug/l #	68
75) 1,1,2,2-Tetrachloroethane	12.827	83	1042	0.210	ug/l #	96
76) 1,2,3-Trichloropropane	12.884	75	1099m	0.272	ug/l	
79) 2-Chlorotoluene	13.010	91	2416	0.214	ug/l	89
82) 4-Chlorotoluene	13.109	91	2289	0.202	ug/l	98
88) 1,4-Dichlorobenzene	13.696	146	1483m	0.217	ug/l	

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

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