Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070821\
Data File : VX023189.D
Acq On : 08 Jul 2021 11:07
Operator : JC/MD
Sample : M2940-07 .2PPB LOD
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT3-2021

Manual Integrations APPROVED
MMDadoda
7/9/2021 5:42:12 PM

Quant Time: Jul 09 03:40:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 09 03:22:39 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.562	168	272832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	438003	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	383058	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173403	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	180232	49.152	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.300%		
35) Dibromofluoromethane	5.397	113	130624	46.182	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.360%		
50) Toluene-d8	8.653	98	481663	45.652	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	91.300%#		
62) 4-Bromofluorobenzene	11.085	95	177733	43.635	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.260%		
Target Compounds						Qvalue
3) Chloromethane	1.294	50	607	0.248	ug/l #	82
5) Bromomethane	1.611	94	837	0.578	ug/l	95
8) Diethyl Ether	2.154	74	343	0.206	ug/l	81
10) Methyl Iodide	2.453	142	705	0.218	ug/l #	65
11) Tert butyl alcohol	2.959	59	2562	3.321	ug/l #	76
13) Acrolein	2.239	56	687	1.337	ug/l #	38
14) Allyl chloride	2.666	41	1215	0.287	ug/l #	82
15) Acrylonitrile	3.080	53	956	0.637	ug/l	91
16) Acetone	2.385	43	2031	1.400	ug/l #	79
17) Carbon Disulfide	2.514	76	1314	0.256	ug/l	97
18) Methyl Acetate	2.709	43	810	0.230	ug/l #	65
20) Methylene Chloride	2.794	84	1362	0.436	ug/l	90
23) Vinyl Acetate	3.727	43	4495	0.596	ug/l #	90
25) 2-Butanone	4.574	43	1798	0.822	ug/l	89
29) Tetrahydrofuran	5.050	42	1102m	0.784	ug/l	
30) Chloroform	5.111	83	1115	0.205	ug/l #	71
41) Methacrylonitrile	4.928	41	525	0.220	ug/l #	53
44) Trichloroethene	7.135	130	792	0.246	ug/l	75
49) 1,4-Dioxane	7.677	88	216	2.761	ug/l #	28
51) 4-Methyl-2-Pentanone	8.579	43	2922	0.666	ug/l #	86
58) 2-Chloroethyl Vinyl ether	8.244	63	4644	1.994	ug/l	94
59) 2-Hexanone	9.439	43	1741	0.517	ug/l	98
68) m/p-Xylenes	10.311	106	1252	0.245	ug/l	88

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

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