Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071422\
Data File : VX030071.D
Acq On : 14 Jul 2022 19:18
Operator : JC/MD
Sample : N3214-09
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MDL-WATER-03-QT2-2022

Manual Integrations APPROVED

Reviewed By :John Carlone 07/15/2022
Supervised By :Mahesh Dadoda 07/15/2022

Quant Time: Jul 15 06:44:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 15 06:39:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	5.556	168	159999	50.000	ug/l		0.00
34) 1,4-Difluorobenzene	6.769	114	300516	50.000	ug/l		0.00
63) Chlorobenzene-d5	10.055	117	260612	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110578	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	5.958	65	109522	56.238	ug/l		0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.480%				
35) Dibromofluoromethane	5.391	113	97005	50.529	ug/l		0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.060%				
50) Toluene-d8	8.653	98	351795	48.723	ug/l		0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.440%				
62) 4-Bromofluorobenzene	11.085	95	115181	45.968	ug/l		0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 91.940%				
Target Compounds							Qvalue
3) Chloromethane	1.294	50	335	0.201	ug/l		98
5) Bromomethane	1.611	94	316	0.402	ug/l	#	48
6) Chloroethane	1.685	64	220	0.211	ug/l	#	41
10) Methyl Iodide	2.447	142	347	0.259	ug/l	#	69
11) Tert butyl alcohol	2.995	59	409	0.814	ug/l	#	95
13) Acrolein	2.221	56	91	0.909	ug/l		90
14) Allyl chloride	2.666	41	625	0.219	ug/l	#	64
15) Acrylonitrile	3.075	53	1025	0.897	ug/l		96
16) Acetone	2.386	43	1680	1.831	ug/l		93
18) Methyl Acetate	2.715	43	860	0.308	ug/l	#	66
20) Methylene Chloride	2.794	84	883	0.416	ug/l	#	80
23) Vinyl Acetate	3.727	43	3324	0.704	ug/l		99
25) 2-Butanone	4.574	43	1935m	1.238	ug/l		
27) cis-1,2-Dichloroethene	4.507	96	453	0.218	ug/l		51
28) Bromochloromethane	4.903	49	276	0.212	ug/l	#	60
29) Tetrahydrofuran	5.044	42	1103	1.040	ug/l	#	83
30) Chloroform	5.092	83	658m	0.214	ug/l		
36) 1,1-Dichloropropene	5.696	75	514	0.207	ug/l	#	49
42) 1,2-Dichloroethane	6.098	62	605	0.250	ug/l	#	73
43) Isopropyl Acetate	6.361	43	1124	0.235	ug/l	#	72
44) Trichloroethene	7.135	130	776	0.340	ug/l		74
49) 1,4-Dioxane	7.696	88	107	1.863	ug/l	#	25
51) 4-Methyl-2-Pentanone	8.580	43	2417	0.762	ug/l	#	85
58) 2-Chloroethyl Vinyl ether	8.250	63	2474	1.483	ug/l		99
59) 2-Hexanone	9.445	43	1615	0.664	ug/l		93
64) Tetrachloroethene	9.275	164	2231	1.066	ug/l		97
66) 1,1,1,2-Tetrachloroethane	10.165	131	382	0.216	ug/l	#	32
68) m/p-Xylenes	10.305	106	1234	0.358	ug/l	#	61
88) 1,4-Dichlorobenzene	12.049	146	868m	0.238	ug/l		

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

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