Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022123\
Data File : VX034209.D
Acq On : 21 Feb 2023 15:07
Operator : JC/MD
Sample : 01627-07
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 22 02:57:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 22 02:40:46 2023
Response via : Initial Calibration

Instrument :
MSVOA_X
ClientSampleId :
LOD-MDL-WATER-01-QT1-2023

Manual Integrations APPROVED

Reviewed By :John Carlone 02/22/2023
Supervised By :Mahesh Dadoda 02/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.550	168	391194	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	622921	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	541197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253602	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	183074	34.749	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	69.500%#		
35) Dibromofluoromethane	5.385	113	154630	38.126	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	76.260%		
50) Toluene-d8	8.647	98	573808	39.405	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	78.820%#		
62) 4-Bromofluorobenzene	11.079	95	203198	36.481	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	72.960%#		
Target Compounds						Qvalue
3) Chloromethane	1.301	50	1082	0.222	ug/l #	88
5) Bromomethane	1.605	94	922	0.524	ug/l #	57
8) Diethyl Ether	2.130	74	541	0.224	ug/l	99
11) Tert butyl alcohol	2.947	59	3187	2.705	ug/l #	89
13) Acrolein	2.233	56	566	1.052	ug/l #	14
15) Acrylonitrile	3.075	53	2117	0.824	ug/l	93
16) Acetone	2.380	43	2874	1.058	ug/l	91
17) Carbon Disulfide	2.514	76	2932	0.241	ug/l	97
20) Methylene Chloride	2.782	84	1719	0.351	ug/l	88
21) trans-1,2-Dichloroethene	3.093	96	937	0.211	ug/l #	82
23) Vinyl Acetate	3.733	43	9834	0.780	ug/l	96
25) 2-Butanone	4.593	43	3672m	0.934	ug/l	
28) Bromochloromethane	4.904	49	950	0.247	ug/l #	96
29) Tetrahydrofuran	5.032	42	2405	1.003	ug/l #	82
37) Ethyl Acetate	4.751	43	2177m	0.325	ug/l	
41) Methacrylonitrile	4.928	41	855m	0.229	ug/l	
42) 1,2-Dichloroethane	6.098	62	1286	0.206	ug/l	99
48) Methyl methacrylate	7.708	41	1450	0.258	ug/l #	62
49) 1,4-Dioxane	7.684	88	329	2.938	ug/l #	91
51) 4-Methyl-2-Pentanone	8.574	43	5337	0.820	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.257	63	4187	1.314	ug/l	91
59) 2-Hexanone	9.439	43	3423	0.690	ug/l	93
68) m/p-Xylenes	10.305	106	2518	0.325	ug/l	94
93) 1,2,4-Trichlorobenzene	13.597	180	1136	0.207	ug/l	85
94) Hexachlorobutadiene	13.731	225	540	0.238	ug/l	90

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

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