

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070721\
 Data File : VU044321.D
 Acq On : 07 Jul 2021 18:29
 Operator : SY/MD
 Sample : M2940-07 0.25PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

MMDadoda
 7/9/2021 6:26:52 PM

Quant Time: Jul 08 08:49:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070721DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 08 08:49:09 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.124	96	25849	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	10720	0.936	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
68) 1,2-Dichlorobenzene-d4	12.201	152	10764	0.943	ug/l	0.00
Spiked Amount 1.000			Recovery	=	94.000%	
Target Compounds						
						Qvalue
3) Chloromethane	1.527	50	2139	0.248	ug/l	100
5) Bromomethane	1.864	94	1475	0.273	ug/l	97
6) Chloroethane	1.941	64	1350	0.223	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.594	101	1725	0.218	ug/l	89
9) 1,1-Dichloroethene	2.591	96	1422	0.206	ug/l	82
12) Acrylonitrile	3.324	53	752	0.486	ug/l	# 72
13) Acetone	2.639	43	1210	1.178	ug/l	# 86
14) Carbon Disulfide	2.800	76	4179	0.223	ug/l	# 94
15) Methylene Chloride	3.057	84	3740	0.298	ug/l	99
16) trans-1,2-Dichloroethene	3.363	96	1615	0.211	ug/l	94
18) 2-Butanone	4.742	43	4577m	2.271	ug/l	
19) Cyclohexane	5.388	56	3186	0.258	ug/l	89
21) 2,2-Dichloropropane	4.674	77	4126	0.274	ug/l	# 89
22) cis-1,2-Dichloroethene	4.674	96	2034	0.226	ug/l	91
24) tert-Butyl Alcohol	3.199	59	2228	4.957	ug/l	# 89
25) Methyl tert-Butyl Ether	3.382	73	4416	0.208	ug/l	94
27) Chloroform	5.102	83	4233	0.259	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	2947	0.204	ug/l	95
29) 1,1-Dichloropropene	5.530	75	2130	0.202	ug/l	94
31) Isopropyl Ether	4.018	45	5566	0.211	ug/l	99
32) Ethyl-t-butyl ether	4.523	59	5279	0.207	ug/l	100
34) Propionitrile	4.797	54	847m	1.658	ug/l	
35) Benzene	5.780	78	5844	0.201	ug/l	100
39) Methacrylonitrile	4.999	41	1136m	0.358	ug/l	
41) Tetrahydrofuran	5.086	42	819	0.619	ug/l	# 72
42) 1-Chlorobutane	5.469	56	3255	0.224	ug/l	86
45) 4-Methyl-2-Pentanone	7.813	43	6602	1.080	ug/l	94
46) t-1,4-Dichloro-2-butene	10.848	75	1125m	0.470	ug/l	
47) Methyl methacrylate	6.980	69	1620	0.370	ug/l	96
48) Ethyl methacrylate	8.346	69	1954	0.209	ug/l	87
49) Toluene	7.976	92	3836	0.201	ug/l	99
54) 2-Hexanone	8.706	43	4312	0.970	ug/l	97
56) 1,2-Dibromoethane	8.938	107	1232	0.208	ug/l	95
58) Tetrachloroethene	8.562	164	1503	0.201	ug/l	88
64) m/p-Xylenes	9.700	106	5863	0.394	ug/l	98
80) Nitrobenzene	13.217	77	269	0.825	ug/l	# 41
82) 1,3-Dichlorobenzene	11.754	146	3817	0.202	ug/l	98
83) 1,4-Dichlorobenzene	11.845	146	4301	0.229	ug/l	93
85) 1,2-Dichlorobenzene	12.221	146	3587	0.200	ug/l	97
87) 1,2,4-Trichlorobenzene	13.848	180	3033	0.236	ug/l	95
89) Naphthalene	14.095	128	6150	0.254	ug/l	97
90) 1,2,3-Trichlorobenzene	14.340	180	2587	0.228	ug/l	95

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

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