Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102220\
Data File : VU040919.D
Acq On : 22 Oct 2020 23:24
Operator : SY/MD
Sample : L4214-07 0.25PPB
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 23 07:30:44 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:00:16 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : LOD-MDL-WATER-01-QT4-2020

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.13	96	51857	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.63	95	14793	0.78	ug/l		0.00
Spiked Amount 1.000			Recovery = 78.00%				
68) 1,2-Dichlorobenzene-d4	12.19	152	15976	0.81	ug/l		0.00
Spiked Amount 1.000			Recovery = 81.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	5631	0.233	ug/l		99
3) Chloromethane	1.53	50	6514	0.258	ug/l		96
4) Vinyl Chloride	1.61	62	5415	0.231	ug/l	#	86
5) Bromomethane	1.87	94	3816	0.277	ug/l		91
6) Chloroethane	1.94	64	3849	0.268	ug/l		100
7) Trichlorofluoromethane	2.15	101	7883	0.266	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3825	0.232	ug/l		99
9) 1,1-Dichloroethene	2.59	96	3597	0.250	ug/l		85
10) Iodomethane	2.74	142	2794	0.200	ug/l		98
11) Allyl Chloride	2.94	41	7927	0.268	ug/l		94
12) Acrylonitrile	3.34	53	2474	0.489	ug/l	#	65
13) Acetone	2.66	43	6139	1.449	ug/l	#	78
14) Carbon Disulfide	2.81	76	14036	0.260	ug/l		99
15) Methylene Chloride	3.06	84	6918	0.371	ug/l		92
16) trans-1,2-Dichloroethene	3.37	96	4256	0.262	ug/l		99
17) 1,1-Dichloroethane	3.88	63	9041m	0.272	ug/l		
18) 2-Butanone	4.75	43	8499	1.240	ug/l		96
19) Cyclohexane	5.40	56	7306m	0.234	ug/l		
21) 2,2-Dichloropropane	4.68	77	7460	0.266	ug/l	#	74
22) cis-1,2-Dichloroethene	4.69	96	4900	0.283	ug/l		95
23) Diethyl Ether	2.39	59	3707	0.261	ug/l		91
24) tert-Butyl Alcohol	3.21	59	1552	0.981	ug/l	#	72
25) Methyl tert-Butyl Ether	3.39	73	10585	0.238	ug/l	#	88
26) Bromochloromethane	4.99	128	2078	0.276	ug/l		93
27) Chloroform	5.11	83	8090	0.255	ug/l		98
28) 1,1,1-Trichloroethane	5.33	97	7153	0.261	ug/l		97
29) 1,1-Dichloropropene	5.54	75	5821	0.243	ug/l		94
30) Carbon Tetrachloride	5.54	117	5734	0.231	ug/l		96
31) Isopropyl Ether	4.02	45	13722	0.267	ug/l		87
32) Ethyl-t-butyl ether	4.53	59	10533	0.233	ug/l	#	70
33) Tert-Amyl methyl ether	5.96	73	7176	0.213	ug/l		96
34) Propionitrile	4.83	54	1494m	0.794	ug/l		
35) Benzene	5.78	78	14271	0.215	ug/l		98
36) 1,2-Dichloroethane	5.82	62	6094	0.247	ug/l	#	84
37) Trichloroethene	6.55	130	3659	0.233	ug/l		98
38) 1,2-Dichloropropane	6.81	63	3823	0.203	ug/l	#	86
39) Methacrylonitrile	5.01	41	2467	0.280	ug/l	#	77
40) Methyl acrylate	4.87	55	3194m	0.264	ug/l		
41) Tetrahydrofuran	5.10	42	2813m	0.620	ug/l		
42) 1-Chlorobutane	5.48	56	9243	0.255	ug/l		92
43) Dibromomethane	6.93	93	2474	0.234	ug/l	#	76

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:00:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Bromodichloromethane	7.12	83	5372	0.219	ug/l		97
45) 4-Methyl-2-Pentanone	7.81	43	13843	0.997	ug/l		99
46) t-1,4-Dichloro-2-butene	10.84	75	1105m	0.201	ug/l		
47) Methyl methacrylate	6.98	69	3071	0.348	ug/l	#	85
50) t-1,3-Dichloropropene	8.22	75	4433	0.209	ug/l		90
52) 1,1,2-Trichloroethane	8.40	97	3207	0.240	ug/l	#	84
53) 1,3-Dichloropropane	8.58	76	5159	0.215	ug/l		99
54) 2-Hexanone	8.70	43	9478	0.977	ug/l		91
55) Dibromochloromethane	8.81	129	3758	0.234	ug/l		97
56) 1,2-Dibromoethane	8.93	107	2981	0.240	ug/l		84
58) Tetrachloroethene	8.55	164	3080	0.209	ug/l		86
60) 1,1,1,2-Tetrachloroethane	9.54	131	3234	0.213	ug/l		94
61) Pentachloroethane	11.42	117	2901	0.236	ug/l		95
62) Hexachloroethane	12.47	117	2688	0.215	ug/l		99
64) m/p-Xylenes	9.69	106	6834	0.280	ug/l		88
67) Bromoform	10.29	173	1970	0.227	ug/l	#	89
70) 1,1,2,2-Tetrachloroethane	10.78	83	4120	0.226	ug/l	#	95
71) 1,2,3-Trichloropropane	10.83	75	4430m	0.319	ug/l		
80) Nitrobenzene	13.20	77	910m	1.057	ug/l		
86) 1,2-Dibromo-3-Chloropropan	12.99	75	703m	0.207	ug/l		
88) Hexachlorobutadiene	14.01	225	2464	0.229	ug/l		95

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

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