Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
Data File : VU035543.D
Acq On : 29 Oct 2019 17:32
Operator : JC/SP
Sample : K5111-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT4-2019

Manual Integrations APPROVED
MMDadoda
10/30/2019 10:39:07 AM

Quant Time: Oct 30 07:09:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 07:04:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.16	96	65348	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.67	95	19840	0.84	ug/l		0.01
Spiked Amount 1.000			Recovery = 84.00%				
68) 1,2-Dichlorobenzene-d4	12.23	152	20038	0.80	ug/l		0.00
Spiked Amount 1.000			Recovery = 80.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.40	85	7199	0.281	ug/l		96
3) Chloromethane	1.54	50	8652	0.276	ug/l		91
4) Vinyl Chloride	1.62	62	7777	0.280	ug/l	#	88
5) Bromomethane	1.88	94	4178	0.296	ug/l		98
6) Chloroethane	1.96	64	4658	0.292	ug/l		92
7) Trichlorofluoromethane	2.16	101	9806	0.286	ug/l		96
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	5140	0.276	ug/l		98
9) 1,1-Dichloroethene	2.61	96	5191	0.289	ug/l		96
11) Allyl Chloride	2.96	41	8549	0.283	ug/l		96
12) Acrylonitrile	3.37	53	2884	0.640	ug/l	#	69
13) Acetone	2.67	43	7194	1.644	ug/l		88
14) Carbon Disulfide	2.83	76	18835	0.297	ug/l		98
15) Methylene Chloride	3.09	84	9849	0.427	ug/l		89
16) trans-1,2-Dichloroethene	3.40	96	5595	0.283	ug/l		99
17) 1,1-Dichloroethane	3.92	63	10384	0.281	ug/l	#	93
18) 2-Butanone	4.80	43	5998	1.058	ug/l		95
19) Cyclohexane	5.43	56	7162m	0.244	ug/l		
20) Methylcyclohexane	6.80	83	7084	0.236	ug/l		95
21) 2,2-Dichloropropane	4.72	77	9807	0.307	ug/l		92
22) cis-1,2-Dichloroethene	4.72	96	5724	0.271	ug/l		94
23) Diethyl Ether	2.41	59	3933	0.266	ug/l		92
24) tert-Butyl Alcohol	3.23	59	17417	10.552	ug/l	#	77
25) Methyl tert-Butyl Ether	3.43	73	13317	0.277	ug/l	#	70
26) Bromochloromethane	5.02	128	2348	0.249	ug/l		88
27) Chloroform	5.14	83	14057	0.356	ug/l		98
28) 1,1,1-Trichloroethane	5.37	97	9469	0.302	ug/l		92
29) 1,1-Dichloropropene	5.57	75	6095	0.232	ug/l		92
30) Carbon Tetrachloride	5.57	117	8053	0.289	ug/l		91
31) Isopropyl Ether	4.07	45	13212	0.256	ug/l		80
32) Ethyl-t-butyl ether	4.58	59	12071	0.252	ug/l		98
33) Tert-Amyl methyl ether	6.00	73	9935	0.242	ug/l		98
34) Propionitrile	4.86	54	1664	1.013	ug/l	#	96
35) Benzene	5.82	78	20931	0.261	ug/l		98
36) 1,2-Dichloroethane	5.85	62	6360	0.277	ug/l		95
37) Trichloroethene	6.58	130	5774	0.259	ug/l		98
38) 1,2-Dichloropropane	6.84	63	5639	0.257	ug/l		97
39) Methacrylonitrile	5.04	41	1714	0.278	ug/l	#	87
41) Tetrahydrofuran	5.15	42	1804	0.569	ug/l	#	33
42) 1-Chlorobutane	5.50	56	9048	0.250	ug/l		92
43) Dibromomethane	6.96	93	3059	0.279	ug/l		95
44) Bromodichloromethane	7.15	83	7709	0.282	ug/l		94

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.86	43	14830	1.267 ug/l	#	91
46) t-1,4-Dichloro-2-butene	10.88	75	1975m	0.464 ug/l		
47) Methyl methacrylate	7.02	69	3736	0.411 ug/l	#	85
48) Ethyl methacrylate	8.40	69	3423m	0.215 ug/l		
49) Toluene	8.01	92	10267	0.223 ug/l		84
50) t-1,3-Dichloropropene	8.25	75	5691	0.235 ug/l		93
51) cis-1,3-Dichloropropene	7.65	75	7111	0.247 ug/l		94
52) 1,1,2-Trichloroethane	8.44	97	4366	0.284 ug/l		93
53) 1,3-Dichloropropane	8.61	76	6743	0.259 ug/l		96
54) 2-Hexanone	8.77	43	8257	0.993 ug/l	#	55
55) Dibromochloromethane	8.85	129	5051	0.269 ug/l		98
56) 1,2-Dibromoethane	8.96	107	3517	0.250 ug/l		91
58) Tetrachloroethene	8.58	164	5554	0.272 ug/l		93
59) Chlorobenzene	9.48	112	11441	0.215 ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.56	131	5479	0.268 ug/l		98
61) Pentachloroethane	11.46	117	4422	0.266 ug/l		98
62) Hexachloroethane	12.50	117	4113	0.270 ug/l		93
63) Ethyl Benzene	9.60	91	18016	0.218 ug/l		97
64) m/p-Xylenes	9.73	106	11680	0.358 ug/l	#	1
65) o-Xylene	10.14	106	6439	0.205 ug/l		99
67) Bromoform	10.33	173	2890	0.248 ug/l	#	96
70) 1,1,2,2-Tetrachloroethane	10.82	83	5562	0.271 ug/l	#	67
71) 1,2,3-Trichloropropane	10.86	75	4696	0.305 ug/l		79
77) tert-Butylbenzene	11.45	119	15005	0.216 ug/l		92
80) Nitrobenzene	13.23	77	326	0.474 ug/l	#	41
86) 1,2-Dibromo-3-Chloropropan	13.03	75	712	0.273 ug/l	#	73
88) Hexachlorobutadiene	14.04	225	3374	0.221 ug/l		99

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

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