Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072319\
Data File : VU033370.D
Acq On : 23 Jul 2019 10:06
Operator : JC/SP
Sample : K3591-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOD-MDL-WATER-01-QT3-2019

Manual Integrations APPROVED
MMDadoda
7/25/2019 11:15:27 AM

Quant Time: Jul 24 03:01:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 24 02:46:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.72	96	27906	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.29	95	9372	0.86	ug/l		0.00
Spiked Amount 1.000			Recovery = 86.00%				
68) 1,2-Dichlorobenzene-d4	11.85	152	10498	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	3385	0.293	ug/l		93
3) Chloromethane	1.32	50	3904	0.306	ug/l		100
4) Vinyl Chloride	1.40	62	3487	0.245	ug/l		96
5) Bromomethane	1.62	94	3034	0.339	ug/l		93
6) Chloroethane	1.69	64	2599	0.260	ug/l		97
7) Trichlorofluoromethane	1.88	101	4946	0.253	ug/l		88
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2756	0.274	ug/l		95
9) 1,1-Dichloroethene	2.27	96	2742	0.277	ug/l		91
11) Allyl Chloride	2.58	41	4882	0.298	ug/l		91
12) Acrylonitrile	2.93	53	1361	0.492	ug/l	#	80
13) Acetone	2.33	43	4191	1.775	ug/l		97
14) Carbon Disulfide	2.46	76	10193	0.271	ug/l		97
15) Methylene Chloride	2.68	84	4530	0.339	ug/l		92
16) trans-1,2-Dichloroethene	2.96	96	3530	0.300	ug/l		89
17) 1,1-Dichloroethane	3.42	63	4336	0.274	ug/l	#	93
18) 2-Butanone	4.28	43	2461m	1.092	ug/l		
19) Cyclohexane	4.96	56	2943m	0.254	ug/l		
20) Methylcyclohexane	6.39	83	2777	0.238	ug/l	#	70
21) 2,2-Dichloropropane	4.21	77	4320	0.323	ug/l	#	72
22) cis-1,2-Dichloroethene	4.20	96	2209	0.248	ug/l		69
23) Diethyl Ether	2.09	59	2204	0.258	ug/l	#	80
24) tert-Butyl Alcohol	2.86	59	415m	0.316	ug/l		
25) Methyl tert-Butyl Ether	2.98	73	6855	0.240	ug/l		97
26) Bromochloromethane	4.52	128	1001	0.255	ug/l		89
27) Chloroform	4.65	83	6369	0.353	ug/l		88
28) 1,1,1-Trichloroethane	4.89	97	3416	0.244	ug/l		95
29) 1,1-Dichloropropene	5.11	75	2759	0.239	ug/l		95
30) Carbon Tetrachloride	5.11	117	2899	0.236	ug/l		99
31) Isopropyl Ether	3.56	45	5351	0.268	ug/l		97
32) Ethyl-t-butyl ether	4.05	59	4898	0.255	ug/l		95
33) Tert-Amyl methyl ether	5.56	73	4043	0.234	ug/l	#	92
34) Propionitrile	4.35	54	517m	0.800	ug/l		
35) Benzene	5.37	78	8483	0.255	ug/l		99
36) 1,2-Dichloroethane	5.39	62	2666	0.240	ug/l	#	87
37) Trichloroethene	6.16	130	2071	0.235	ug/l		88
38) 1,2-Dichloropropane	6.41	63	1921	0.209	ug/l	#	88
39) Methacrylonitrile	4.56	41	603m	0.235	ug/l		
42) 1-Chlorobutane	5.04	56	3683	0.238	ug/l		88
43) Dibromomethane	6.54	93	1110	0.218	ug/l	#	85
44) Bromodichloromethane	6.74	83	3480	0.284	ug/l	#	88
45) 4-Methyl-2-Pentanone	7.45	43	5786	1.115	ug/l	#	86

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Quant Time: Jul 24 03:01:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 24 02:46:51 2019
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
46) t-1,4-Dichloro-2-butene	10.51	75	538m	0.257 ug/l	
47) Methyl methacrylate	6.61	69	1253	0.323 ug/l #	82
49) Toluene	7.62	92	4149	0.217 ug/l	93
50) t-1,3-Dichloropropene	7.87	75	2445	0.239 ug/l	96
51) cis-1,3-Dichloropropene	7.26	75	2692	0.223 ug/l	99
52) 1,1,2-Trichloroethane	8.05	97	1886	0.277 ug/l	93
53) 1,3-Dichloropropane	8.23	76	2652	0.231 ug/l	93
54) 2-Hexanone	8.36	43	3566	0.976 ug/l	90
55) Dibromochloromethane	8.46	129	1808	0.228 ug/l	88
56) 1,2-Dibromoethane	8.58	107	1482	0.234 ug/l	97
58) Tetrachloroethene	8.22	164	2044	0.256 ug/l	89
59) Chlorobenzene	9.11	112	4652	0.213 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.19	131	2117	0.255 ug/l	99
61) Pentachloroethane	11.09	117	1639	0.240 ug/l	97
62) Hexachloroethane	12.13	117	1644	0.249 ug/l	96
63) Ethyl Benzene	9.23	91	7332	0.209 ug/l	98
64) m/p-Xylenes	9.36	106	5369	0.382 ug/l	97
70) 1,1,2,2-Tetrachloroethane	10.44	83	2028	0.225 ug/l #	92
71) 1,2,3-Trichloropropane	10.48	75	1493m	0.214 ug/l	
72) Bromobenzene	10.45	156	1874	0.205 ug/l	92
74) 2-Chlorotoluene	10.65	126	1807	0.201 ug/l	88
77) tert-Butylbenzene	11.09	119	6038	0.206 ug/l	95
82) 1,3-Dichlorobenzene	11.40	146	4104	0.212 ug/l	95
83) 1,4-Dichlorobenzene	11.49	146	4218	0.220 ug/l	99
85) 1,2-Dichlorobenzene	11.86	146	4057	0.223 ug/l	92
88) Hexachlorobutadiene	13.68	225	1602	0.240 ug/l	97

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

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