Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020719\
Data File : VU029366.D
Acq On : 07 Feb 2019 11:48
Operator : JC/SP
Sample : MDL06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MDL06

Manual Integrations APPROVED
sam
2/8/2019 2:27:59 PM

Quant Time: Feb 08 13:01:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	56446	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	21027	0.95	ug/l		0.00
Spiked Amount 1.000			Recovery = 95.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	21682	0.96	ug/l		0.00
Spiked Amount 1.000			Recovery = 96.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	4540	0.216	ug/l		86
3) Chloromethane	1.33	50	4563	0.237	ug/l		90
4) Vinyl Chloride	1.40	62	5248	0.233	ug/l	#	87
5) Bromomethane	1.63	94	3658	0.291	ug/l		96
6) Chloroethane	1.70	64	4165	0.316	ug/l		89
7) Trichlorofluoromethane	1.89	101	7551	0.240	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	4133	0.248	ug/l		87
9) 1,1-Dichloroethene	2.28	96	4016	0.247	ug/l		79
10) Iodomethane	2.41	142	3926	0.456	ug/l	#	84
11) Allyl Chloride	2.59	41	6847m	0.251	ug/l		
12) Acrylonitrile	2.94	53	2695	0.738	ug/l	#	65
13) Acetone	2.32	43	4609	1.310	ug/l	#	79
14) Carbon Disulfide	2.48	76	14493	0.252	ug/l		98
15) Methylene Chloride	2.70	84	7436	0.377	ug/l	#	75
16) trans-1,2-Dichloroethene	2.98	96	4442	0.244	ug/l	#	61
17) 1,1-Dichloroethane	3.44	63	8447	0.293	ug/l		95
18) 2-Butanone	4.30	43	3033m	0.772	ug/l		
19) Cyclohexane	4.99	56	6332m	0.237	ug/l		
20) Methylcyclohexane	6.41	83	6679	0.238	ug/l	#	81
21) 2,2-Dichloropropane	4.23	77	7608	0.285	ug/l	#	91
22) cis-1,2-Dichloroethene	4.23	96	4355	0.254	ug/l		75
23) Diethyl Ether	2.10	59	3380	0.258	ug/l		91
24) tert-Butyl Alcohol	2.83	59	5664	4.168	ug/l	#	80
25) Methyl tert-Butyl Ether	3.00	73	11775	0.257	ug/l		92
26) Bromochloromethane	4.55	128	1848	0.244	ug/l		71
27) Chloroform	4.67	83	7035	0.251	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	6847	0.263	ug/l	#	75
29) 1,1-Dichloropropene	5.13	75	5267	0.233	ug/l	#	85
30) Carbon Tetrachloride	5.13	117	5362	0.228	ug/l	#	89
31) Isopropyl Ether	3.58	45	9973	0.229	ug/l		91
32) Ethyl-t-butyl ether	4.07	59	10201	0.234	ug/l		94
33) Tert-Amyl methyl ether	5.58	73	9576	0.243	ug/l	#	97
35) Benzene	5.39	78	14638	0.234	ug/l		95
36) 1,2-Dichloroethane	5.41	62	3969	0.210	ug/l	#	96
37) Trichloroethene	6.18	130	4639	0.259	ug/l		96
38) 1,2-Dichloropropane	6.43	63	3420	0.211	ug/l		97
41) Tetrahydrofuran	4.65	42	1706m	0.640	ug/l		
42) 1-Chlorobutane	5.06	56	7189	0.238	ug/l		82
43) Dibromomethane	6.57	93	1931	0.223	ug/l		88
44) Bromodichloromethane	6.76	83	5533	0.251	ug/l		97
45) 4-Methyl-2-Pentanone	7.47	43	10475	1.032	ug/l	#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) t-1,4-Dichloro-2-butene	10.51	75	1658m	0.335	ug/l		
47) Methyl methacrylate	6.63	69	3023	0.397	ug/l	#	73
49) Toluene	7.64	92	8752	0.219	ug/l		99
50) t-1,3-Dichloropropene	7.89	75	4443	0.205	ug/l	#	84
51) cis-1,3-Dichloropropene	7.27	75	5320	0.207	ug/l	#	80
52) 1,1,2-Trichloroethane	8.07	97	2761	0.241	ug/l		90
53) 1,3-Dichloropropane	8.24	76	4498	0.223	ug/l		96
54) 2-Hexanone	8.37	43	6364	0.895	ug/l		80
55) Dibromochloromethane	8.48	129	3765	0.231	ug/l		96
56) 1,2-Dibromoethane	8.59	107	2941	0.250	ug/l		99
58) Tetrachloroethene	8.23	164	4006	0.240	ug/l		93
59) Chlorobenzene	9.12	112	10348	0.230	ug/l		96
60) 1,1,1,2-Tetrachloroethane	9.21	131	4075	0.245	ug/l		99
61) Pentachloroethane	11.10	117	2943	0.228	ug/l		91
62) Hexachloroethane	12.14	117	2853	0.203	ug/l		87
63) Ethyl Benzene	9.25	91	18201	0.233	ug/l		97
64) m/p-Xylenes	9.38	106	14320	0.471	ug/l		83
65) o-Xylene	9.78	106	6811	0.228	ug/l		91
66) Styrene	9.79	104	10921	0.220	ug/l		93
67) Bromoform	9.96	173	2138	0.211	ug/l	#	91
69) Isopropylbenzene	10.17	105	18197	0.228	ug/l		96
70) 1,1,2,2-Tetrachloroethane	10.46	83	3364	0.229	ug/l		87
71) 1,2,3-Trichloropropane	10.50	75	2057m	0.204	ug/l		
72) Bromobenzene	10.45	156	4514	0.234	ug/l		93
73) n-propylbenzene	10.59	120	5190	0.234	ug/l		68
74) 2-Chlorotoluene	10.66	126	4323	0.229	ug/l		84
75) 1,3,5-Trimethylbenzene	10.77	105	15143	0.220	ug/l		99
76) 4-Chlorotoluene	10.77	126	4703	0.240	ug/l		64
77) tert-Butylbenzene	11.10	119	14966	0.220	ug/l		94
78) 1,2,4-Trimethylbenzene	11.15	105	15074	0.217	ug/l		94
79) sec-Butylbenzene	11.32	105	19178	0.216	ug/l		93
81) p-Isopropyltoluene	11.48	119	16516	0.219	ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	8726	0.230	ug/l		95
83) 1,4-Dichlorobenzene	11.51	146	7878	0.209	ug/l		93
85) 1,2-Dichlorobenzene	11.88	146	8403	0.235	ug/l		97
88) Hexachlorobutadiene	13.69	225	3545	0.243	ug/l		95
90) 1,2,3-Trichlorobenzene	13.99	180	5309	0.231	ug/l		96

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

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