Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073120\
Data File : VU039732.D
Acq On : 31 Jul 2020 13:43
Operator : SY/MD
Sample : VU0731WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0731WBS01

Quant Time: Aug 01 01:38:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 31 07:12:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	23190	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	7544	0.83	ug/l	0.00
Spiked Amount 1.000			Recovery = 83.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	7199	0.81	ug/l	0.00
Spiked Amount 1.000			Recovery = 81.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	14403	1.787	ug/l	97
3) Chloromethane	1.53	50	18674	1.866	ug/l	98
4) Vinyl Chloride	1.61	62	16439	1.782	ug/l	99
5) Bromomethane	1.87	94	10836	1.717	ug/l	90
6) Chloroethane	1.94	64	12717	1.987	ug/l	96
7) Trichlorofluoromethane	2.15	101	22630	1.855	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12700	1.814	ug/l	100
9) 1,1-Dichloroethene	2.59	96	11318	1.756	ug/l	95
10) Iodomethane	2.74	142	14317	2.203	ug/l	98
11) Allyl Chloride	2.94	41	23952	1.723	ug/l	98
12) Acrylonitrile	3.34	53	8901	3.936	ug/l	95
13) Acetone	2.66	43	19319	9.078	ug/l	92
14) Carbon Disulfide	2.80	76	40540	1.716	ug/l	97
15) Methylene Chloride	3.06	84	17202	1.915	ug/l	97
16) trans-1,2-Dichloroethene	3.37	96	13107	1.789	ug/l	97
17) 1,1-Dichloroethane	3.89	63	28718	1.785	ug/l	100
18) 2-Butanone	4.75	43	34591	9.666	ug/l	99
19) Cyclohexane	5.40	56	25656m	1.648	ug/l	
20) Methylcyclohexane	6.77	83	20073	1.740	ug/l	98
21) 2,2-Dichloropropane	4.68	77	22658	1.727	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	14192	1.797	ug/l	98
23) Diethyl Ether	2.39	59	11766	1.786	ug/l	91
24) tert-Butyl Alcohol	3.26	59	13975m	10.345	ug/l	
25) Methyl tert-Butyl Ether	3.38	73	36840	1.752	ug/l	99
26) Bromochloromethane	4.99	128	6114	1.893	ug/l	95
27) Chloroform	5.11	83	26579	1.765	ug/l	97
28) 1,1,1-Trichloroethane	5.33	97	21218	1.742	ug/l	99
29) 1,1-Dichloropropene	5.54	75	20642	1.760	ug/l	98
30) Carbon Tetrachloride	5.54	117	16499	1.656	ug/l	93
31) Isopropyl Ether	4.02	45	49815	1.698	ug/l	97
32) Ethyl-t-butyl ether	4.53	59	42863	1.717	ug/l	98
33) Tert-Amyl methyl ether	5.96	73	35706	1.984	ug/l	99
34) Propionitrile	4.82	54	8470	9.595	ug/l #	88
35) Benzene	5.79	78	55962	1.929	ug/l	99
36) 1,2-Dichloroethane	5.81	62	21377	1.965	ug/l	99
37) Trichloroethene	6.55	130	12621	1.901	ug/l	98
38) 1,2-Dichloropropane	6.80	63	13935	1.742	ug/l	96
39) Methacrylonitrile	5.01	41	8208	1.764	ug/l	96
40) Methyl acrylate	4.87	55	11689	1.948	ug/l	98
41) Tetrahydrofuran	5.10	42	8720	3.726	ug/l	92
42) 1-Chlorobutane	5.47	56	31689	1.721	ug/l	99

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ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0731WBS01

Quant Time: Aug 01 01:38:09 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 31 07:12:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.93	93	7880	1.831 ug/l	93
44) Bromodichloromethane	7.12	83	16680	1.690 ug/l	97
45) 4-Methyl-2-Pentanone	7.82	43	56694	8.697 ug/l	97
46) t-1,4-Dichloro-2-butene	10.83	75	5643m	2.910 ug/l	
47) Methyl methacrylate	6.98	69	13968	3.480 ug/l	99
48) Ethyl methacrylate	8.35	69	11904	1.611 ug/l	98
49) Toluene	7.98	92	27858	1.613 ug/l	99
50) t-1,3-Dichloropropene	8.22	75	13768	1.549 ug/l	99
51) cis-1,3-Dichloropropene	7.62	75	16122	1.543 ug/l	94
52) 1,1,2-Trichloroethane	8.41	97	9584	1.714 ug/l	93
53) 1,3-Dichloropropane	8.58	76	18393	1.713 ug/l	99
54) 2-Hexanone	8.70	43	39488	8.460 ug/l	96
55) Dibromochloromethane	8.82	129	10299	1.715 ug/l	97
56) 1,2-Dibromoethane	8.93	107	9346	1.735 ug/l	98
58) Tetrachloroethene	8.56	164	10267	1.767 ug/l	96
59) Chlorobenzene	9.45	112	29408	1.647 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	9983	1.658 ug/l	99
61) Pentachloroethane	11.43	117	8562	1.618 ug/l	94
62) Hexachloroethane	12.47	117	7699	1.588 ug/l	94
63) Ethyl Benzene	9.57	91	50092	1.565 ug/l	96
64) m/p-Xylenes	9.70	106	40080	3.205 ug/l	98
65) o-Xylene	10.10	106	18904	1.592 ug/l	99
66) Styrene	10.12	104	32500	1.597 ug/l	99
67) Bromoform	10.29	173	4719	1.541 ug/l #	94
69) Isopropylbenzene	10.48	105	49912	1.574 ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.78	83	14188	1.763 ug/l	97
71) 1,2,3-Trichloropropane	10.83	75	11610m	1.915 ug/l	
72) Bromobenzene	10.78	156	11727	1.628 ug/l	95
73) n-propylbenzene	10.91	120	13274	1.489 ug/l	90
74) 2-Chlorotoluene	10.99	126	12245	1.626 ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	43361	1.582 ug/l	100
76) 4-Chlorotoluene	11.10	126	13238	1.697 ug/l	93
77) tert-Butylbenzene	11.42	119	40670	1.546 ug/l	98
78) 1,2,4-Trimethylbenzene	11.46	105	44075	1.568 ug/l	97
79) sec-Butylbenzene	11.64	105	58941	1.575 ug/l	98
80) Nitrobenzene	13.20	77	835	6.131 ug/l #	86
81) p-Isopropyltoluene	11.79	119	47196	1.564 ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	25532	1.647 ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	25776	1.653 ug/l	100
84) n-Butylbenzene	12.20	91	48005	1.498 ug/l	97
85) 1,2-Dichlorobenzene	12.21	146	24016	1.607 ug/l	98
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2137	1.576 ug/l	95
87) 1,2,4-Trichlorobenzene	13.83	180	13619	1.457 ug/l	99
88) Hexachlorobutadiene	14.01	225	6819	1.607 ug/l	99
89) Naphthalene	14.08	128	27496	1.375 ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	13373	1.516 ug/l	97

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

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