Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU073120\
Data File : VU039729.D
Acq On : 31 Jul 2020 11:14
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010

Quant Time: Aug 01 01:32:48 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	24114	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	9414	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	8602	0.93	ug/l	0.00
Spiked Amount 1.000			Recovery = 93.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	74243	8.860	ug/l	99
3) Chloromethane	1.53	50	91182	8.760	ug/l	99
4) Vinyl Chloride	1.61	62	86290	8.995	ug/l	99
5) Bromomethane	1.86	94	49908	7.607	ug/l	99
6) Chloroethane	1.94	64	56832	8.538	ug/l	99
7) Trichlorofluoromethane	2.15	101	112976	8.904	ug/l	95
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	64323	8.833	ug/l	100
9) 1,1-Dichloroethene	2.59	96	59498	8.880	ug/l	100
10) Iodomethane	2.73	142	74284	10.992	ug/l	99
11) Allyl Chloride	2.93	41	129061	8.930	ug/l	99
12) Acrylonitrile	3.33	53	44082	18.744	ug/l	91
13) Acetone	2.63	43	104768	47.346	ug/l	98
14) Carbon Disulfide	2.80	76	220021	8.954	ug/l	100
15) Methylene Chloride	3.06	84	76379	8.178	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	66763	8.764	ug/l	99
17) 1,1-Dichloroethane	3.89	63	144750	8.654	ug/l	100
18) 2-Butanone	4.73	43	163151	43.845	ug/l	99
19) Cyclohexane	5.40	56	140199m	8.660	ug/l	
20) Methylcyclohexane	6.77	83	115361	9.616	ug/l	98
21) 2,2-Dichloropropane	4.68	77	115858	8.491	ug/l	97
22) cis-1,2-Dichloroethene	4.68	96	72895	8.878	ug/l	98
23) Diethyl Ether	2.38	59	60566	8.841	ug/l	99
24) tert-Butyl Alcohol	3.20	59	74815	90.998	ug/l	99
25) Methyl tert-Butyl Ether	3.38	73	193863	8.868	ug/l	98
26) Bromochloromethane	4.99	128	29635	8.822	ug/l	98
27) Chloroform	5.11	83	134991	8.623	ug/l	98
28) 1,1,1-Trichloroethane	5.33	97	111796	8.826	ug/l	99
29) 1,1-Dichloropropene	5.54	75	107687	8.828	ug/l	98
30) Carbon Tetrachloride	5.54	117	91943	8.877	ug/l	98
31) Isopropyl Ether	4.02	45	265821	8.713	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	224915	8.663	ug/l	99
33) Tert-Amyl methyl ether	5.96	73	187930	10.040	ug/l	99
34) Propionitrile	4.80	54	42244	46.020	ug/l	99
35) Benzene	5.79	78	292824	9.705	ug/l	98
36) 1,2-Dichloroethane	5.81	62	108796	9.619	ug/l	99
37) Trichloroethene	6.55	130	60768	8.803	ug/l	96
38) 1,2-Dichloropropane	6.81	63	76431	9.191	ug/l	97
39) Methacrylonitrile	5.00	41	38155	7.887	ug/l	96
40) Methyl acrylate	4.87	55	52786	8.462	ug/l	99
41) Tetrahydrofuran	5.08	42	38194	15.693	ug/l	100
42) 1-Chlorobutane	5.47	56	169835	8.871	ug/l	98

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ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010

Quant Time: Aug 01 01:32:48 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	39044	8.725 ug/l	99
44) Bromodichloromethane	7.12	83	92107	8.977 ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	314490	46.393 ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	37476m	18.587 ug/l	
47) Methyl methacrylate	6.98	69	78519	18.812 ug/l	99
48) Ethyl methacrylate	8.35	69	72467	9.433 ug/l	97
49) Toluene	7.98	92	168187	9.365 ug/l	98
50) t-1,3-Dichloropropene	8.22	75	89265	9.660 ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	99419	9.154 ug/l	96
52) 1,1,2-Trichloroethane	8.41	97	52922	9.102 ug/l	97
53) 1,3-Dichloropropane	8.58	76	100182	8.974 ug/l	100
54) 2-Hexanone	8.70	43	230917	47.578 ug/l	99
55) Dibromochloromethane	8.82	129	58247	9.329 ug/l	99
56) 1,2-Dibromoethane	8.93	107	50390	8.994 ug/l	99
58) Tetrachloroethene	8.56	164	55750	9.225 ug/l	97
59) Chlorobenzene	9.45	112	170909	9.203 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.54	131	57696	9.214 ug/l	99
61) Pentachloroethane	11.43	117	49289	8.959 ug/l	99
62) Hexachloroethane	12.47	117	47053	9.331 ug/l	100
63) Ethyl Benzene	9.57	91	320670	9.635 ug/l	99
64) m/p-Xylenes	9.70	106	255807	19.672 ug/l	99
65) o-Xylene	10.10	106	120594	9.768 ug/l	96
66) Styrene	10.11	104	212052	10.023 ug/l	99
67) Bromoform	10.29	173	30416	9.550 ug/l	97
69) Isopropylbenzene	10.48	105	314130	9.526 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	76937	9.192 ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	56832m	9.014 ug/l	
72) Bromobenzene	10.78	156	67861	9.061 ug/l	98
73) n-propylbenzene	10.91	120	88923	9.591 ug/l	97
74) 2-Chlorotoluene	10.99	126	73098	9.333 ug/l	100
75) 1,3,5-Trimethylbenzene	11.09	105	282219	9.900 ug/l	99
76) 4-Chlorotoluene	11.10	126	80634	9.940 ug/l	97
77) tert-Butylbenzene	11.42	119	263705	9.643 ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	289690	9.909 ug/l	100
79) sec-Butylbenzene	11.64	105	380274	9.769 ug/l	100
80) Nitrobenzene	13.20	77	6923	48.881 ug/l	99
81) p-Isopropyltoluene	11.79	119	309000	9.850 ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	147706	9.164 ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	148242	9.143 ug/l	100
84) n-Butylbenzene	12.20	91	330755	9.926 ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	139820	9.000 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	13086	9.282 ug/l	97
87) 1,2,4-Trichlorobenzene	13.83	180	86212	8.873 ug/l	100
88) Hexachlorobutadiene	14.01	225	41069	9.307 ug/l	98
89) Naphthalene	14.08	128	189141	9.098 ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	81912	8.930 ug/l	100

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

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