Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072920\
Data File : VU039713.D
Acq On : 29 Jul 2020 19:54
Operator : SY/MD
Sample : VU0729WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VU0729WBS01

Manual Integrations APPROVED

Quant Time: Jul 31 14:09:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 31 14:06:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.12	96	20482	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.63	95	7418	0.93	ug/l		0.00
Spiked Amount 1.000			Recovery = 93.00%				
68) 1,2-Dichlorobenzene-d4	12.19	152	7388	0.94	ug/l		0.00
Spiked Amount 1.000			Recovery = 94.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.39	85	14104	1.982	ug/l		99
3) Chloromethane	1.53	50	18762	2.122	ug/l		100
4) Vinyl Chloride	1.61	62	16520	2.027	ug/l		96
5) Bromomethane	1.86	94	11658	2.092	ug/l		100
6) Chloroethane	1.94	64	12794	2.263	ug/l		95
7) Trichlorofluoromethane	2.15	101	22589	2.096	ug/l		92
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	12628	2.042	ug/l		99
9) 1,1-Dichloroethene	2.59	96	11514	2.023	ug/l		91
10) Iodomethane	2.73	142	13046	2.273	ug/l		99
11) Allyl Chloride	2.93	41	24105	1.964	ug/l		99
12) Acrylonitrile	3.34	53	8796	4.403	ug/l	#	91
13) Acetone	2.66	43	18680	9.939	ug/l		99
14) Carbon Disulfide	2.80	76	40881	1.959	ug/l		99
15) Methylene Chloride	3.06	84	15266	1.924	ug/l		96
16) trans-1,2-Dichloroethene	3.37	96	12955	2.002	ug/l		96
17) 1,1-Dichloroethane	3.89	63	28234	1.987	ug/l		98
18) 2-Butanone	4.75	43	33439	10.580	ug/l		98
19) Cyclohexane	5.39	56	27503m	2.000	ug/l		
20) Methylcyclohexane	6.77	83	17994	1.766	ug/l		95
21) 2,2-Dichloropropane	4.68	77	21383	1.845	ug/l		100
22) cis-1,2-Dichloroethene	4.68	96	14433	2.070	ug/l		95
23) Diethyl Ether	2.39	59	11466	1.971	ug/l		92
24) tert-Butyl Alcohol	3.25	59	16348m	16.654	ug/l		
25) Methyl tert-Butyl Ether	3.39	73	37233	2.005	ug/l		99
26) Bromochloromethane	4.99	128	5730	2.008	ug/l		93
27) Chloroform	5.11	83	26684	2.007	ug/l		99
28) 1,1,1-Trichloroethane	5.33	97	21431	1.992	ug/l		100
29) 1,1-Dichloropropene	5.54	75	21453	2.071	ug/l		99
30) Carbon Tetrachloride	5.54	117	18233	2.073	ug/l		96
31) Isopropyl Ether	4.02	45	52541	2.028	ug/l		98
32) Ethyl-t-butyl ether	4.53	59	44196	2.004	ug/l		100
33) Tert-Amyl methyl ether	5.97	73	29613	1.863	ug/l		99
34) Propionitrile	4.82	54	9179	11.773	ug/l	#	82
35) Benzene	5.78	78	48609	1.897	ug/l		100
36) 1,2-Dichloroethane	5.81	62	18984	1.976	ug/l		99
37) Trichloroethene	6.56	130	11292	1.926	ug/l		98
38) 1,2-Dichloropropane	6.80	63	13495	1.911	ug/l		93
39) Methacrylonitrile	5.01	41	8376	2.038	ug/l		96
40) Methyl acrylate	4.87	55	12565	2.371	ug/l		97
41) Tetrahydrofuran	5.10	42	8658	4.188	ug/l	#	80
42) 1-Chlorobutane	5.47	56	34135	2.099	ug/l		100

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0729WBS01

Manual Integrations APPROVED

Quant Time: Jul 31 14:09:26 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 31 14:06:32 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.93	93	7369	1.939	ug/l		99
44) Bromodichloromethane	7.12	83	16485	1.892	ug/l		98
45) 4-Methyl-2-Pentanone	7.81	43	55605	9.657	ug/l		96
46) t-1,4-Dichloro-2-butene	10.83	75	5898m	3.444	ug/l		
47) Methyl methacrylate	6.98	69	13297	3.751	ug/l		94
48) Ethyl methacrylate	8.35	69	11681	1.790	ug/l		100
49) Toluene	7.98	92	27738	1.818	ug/l		99
50) t-1,3-Dichloropropene	8.22	75	13875	1.768	ug/l		97
51) cis-1,3-Dichloropropene	7.62	75	16083	1.743	ug/l		91
52) 1,1,2-Trichloroethane	8.41	97	9328	1.889	ug/l		88
53) 1,3-Dichloropropane	8.58	76	17796	1.877	ug/l		96
54) 2-Hexanone	8.70	43	38586	9.360	ug/l		96
55) Dibromochloromethane	8.82	129	10009	1.887	ug/l		98
56) 1,2-Dibromoethane	8.93	107	9216	1.937	ug/l		98
58) Tetrachloroethene	8.56	164	9752	1.900	ug/l		98
59) Chlorobenzene	9.45	112	30100	1.908	ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.54	131	10189	1.916	ug/l		98
61) Pentachloroethane	11.43	117	8780	1.879	ug/l		91
62) Hexachloroethane	12.47	117	7073	1.651	ug/l		99
63) Ethyl Benzene	9.57	91	49088	1.736	ug/l		99
64) m/p-Xylenes	9.70	106	39702	3.595	ug/l		99
65) o-Xylene	10.10	106	18404	1.755	ug/l		98
66) Styrene	10.11	104	31091	1.730	ug/l		98
67) Bromoform	10.29	173	4688	1.733	ug/l	#	93
69) Isopropylbenzene	10.48	105	49144	1.755	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.78	83	13611	1.915	ug/l		98
71) 1,2,3-Trichloropropane	10.83	75	11179m	2.087	ug/l		
72) Bromobenzene	10.78	156	11643	1.830	ug/l		99
73) n-propylbenzene	10.91	120	13247	1.682	ug/l		94
74) 2-Chlorotoluene	10.99	126	11849	1.781	ug/l		100
75) 1,3,5-Trimethylbenzene	11.09	105	42649	1.761	ug/l		97
76) 4-Chlorotoluene	11.10	126	12625	1.832	ug/l		99
77) tert-Butylbenzene	11.42	119	41537	1.788	ug/l		98
78) 1,2,4-Trimethylbenzene	11.47	105	44195	1.780	ug/l		99
79) sec-Butylbenzene	11.64	105	58432	1.767	ug/l		100
80) Nitrobenzene	13.20	77	783	6.509	ug/l	#	85
81) p-Isopropyltoluene	11.79	119	45752	1.717	ug/l		98
82) 1,3-Dichlorobenzene	11.74	146	25116	1.835	ug/l		98
83) 1,4-Dichlorobenzene	11.83	146	25536	1.854	ug/l		99
84) n-Butylbenzene	12.20	91	46621	1.647	ug/l		99
85) 1,2-Dichlorobenzene	12.21	146	24154	1.830	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	2065	1.724	ug/l		96
87) 1,2,4-Trichlorobenzene	13.83	180	13564	1.643	ug/l		99
88) Hexachlorobutadiene	14.01	225	6516	1.739	ug/l		99
89) Naphthalene	14.08	128	27475	1.556	ug/l		100
90) 1,2,3-Trichlorobenzene	14.32	180	13587	1.744	ug/l		98

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

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