Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072920\
Data File : VU039715.D
Acq On : 29 Jul 2020 20:54
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED

Quant Time: Jul 30 02:44:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 01:45:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.13	96	21350	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	9076	1.09	ug/l	0.00
Spiked Amount 1.000			Recovery = 109.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	8377	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	67391	9.084	ug/l	99
3) Chloromethane	1.53	50	85393	9.266	ug/l	100
4) Vinyl Chloride	1.61	62	79154	9.319	ug/l	99
5) Bromomethane	1.86	94	49151	8.461	ug/l	98
6) Chloroethane	1.94	64	53304	9.045	ug/l	97
7) Trichlorofluoromethane	2.15	101	104087	9.265	ug/l	94
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	59604	9.245	ug/l	99
9) 1,1-Dichloroethene	2.59	96	55267	9.316	ug/l	99
10) Iodomethane	2.73	142	71338	11.923	ug/l	99
11) Allyl Chloride	2.93	41	118339	9.248	ug/l	98
12) Acrylonitrile	3.33	53	41564	19.961	ug/l	94
13) Acetone	2.64	43	82715	42.219	ug/l	99
14) Carbon Disulfide	2.80	76	201971	9.284	ug/l	100
15) Methylene Chloride	3.06	84	69203	8.369	ug/l	98
16) trans-1,2-Dichloroethene	3.37	96	62087	9.206	ug/l	99
17) 1,1-Dichloroethane	3.89	63	136965	9.248	ug/l	99
18) 2-Butanone	4.74	43	154454	46.882	ug/l	99
19) Cyclohexane	5.39	56	131928m	9.204	ug/l	
20) Methylcyclohexane	6.77	83	101726	9.577	ug/l	99
21) 2,2-Dichloropropane	4.68	77	102084	8.450	ug/l	99
22) cis-1,2-Dichloroethene	4.68	96	68516	9.425	ug/l	99
23) Diethyl Ether	2.39	59	55929	9.221	ug/l	98
24) tert-Butyl Alcohol	3.20	59	68642	94.628	ug/l	98
25) Methyl tert-Butyl Ether	3.38	73	183319	9.471	ug/l	99
26) Bromochloromethane	4.99	128	27043	9.092	ug/l	94
27) Chloroform	5.11	83	126503	9.127	ug/l	97
28) 1,1,1-Trichloroethane	5.33	97	104929	9.356	ug/l	100
29) 1,1-Dichloropropene	5.54	75	99913	9.251	ug/l	100
30) Carbon Tetrachloride	5.53	117	85350	9.307	ug/l	99
31) Isopropyl Ether	4.02	45	250017	9.256	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	216355	9.412	ug/l	100
33) Tert-Amyl methyl ether	5.97	73	155646	9.392	ug/l	100
34) Propionitrile	4.80	54	39673	48.815	ug/l	99
35) Benzene	5.79	78	241099	9.025	ug/l	100
36) 1,2-Dichloroethane	5.81	62	90375	9.025	ug/l	99
37) Trichloroethene	6.55	130	56214	9.197	ug/l	98
38) 1,2-Dichloropropane	6.81	63	70187	9.533	ug/l	99
39) Methacrylonitrile	5.00	41	37544	8.766	ug/l	98
40) Methyl acrylate	4.87	55	51094	9.251	ug/l	99
41) Tetrahydrofuran	5.09	42	38511	17.871	ug/l	96
42) 1-Chlorobutane	5.47	56	160508	9.470	ug/l	99

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ClientSampleId : VSTDCCC010EC

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Quant Time: Jul 30 02:44:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jul 30 01:45:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.93	93	37400	9.440 ug/l	98
44) Bromodichloromethane	7.12	83	85675	9.431 ug/l	99
45) 4-Methyl-2-Pentanone	7.81	43	297700	49.602 ug/l	99
46) t-1,4-Dichloro-2-butene	10.83	75	34898m	19.549 ug/l	
47) Methyl methacrylate	6.98	69	73856	19.986 ug/l	98
48) Ethyl methacrylate	8.35	69	67633	9.944 ug/l	99
49) Toluene	7.98	92	153176	9.633 ug/l	100
50) t-1,3-Dichloropropene	8.22	75	81309	9.938 ug/l	98
51) cis-1,3-Dichloropropene	7.62	75	91098	9.473 ug/l	97
52) 1,1,2-Trichloroethane	8.41	97	48959	9.511 ug/l	99
53) 1,3-Dichloropropane	8.58	76	92383	9.347 ug/l	99
54) 2-Hexanone	8.70	43	213548	49.695 ug/l	99
55) Dibromochloromethane	8.82	129	54849	9.923 ug/l	99
56) 1,2-Dibromoethane	8.93	107	47733	9.623 ug/l	100
58) Tetrachloroethene	8.56	164	49785	9.305 ug/l	97
59) Chlorobenzene	9.45	112	157554	9.582 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	53558	9.660 ug/l	99
61) Pentachloroethane	11.43	117	46767	9.601 ug/l	97
62) Hexachloroethane	12.47	117	44562	9.981 ug/l	100
63) Ethyl Benzene	9.57	91	292893	9.939 ug/l	100
64) m/p-Xylenes	9.70	106	232130	20.163 ug/l	99
65) o-Xylene	10.10	106	109845	10.049 ug/l	98
66) Styrene	10.11	104	192733	10.289 ug/l	99
67) Bromoform	10.29	173	28531	10.118 ug/l	98
69) Isopropylbenzene	10.48	105	291151	9.972 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.78	83	73136	9.870 ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	48103m	8.617 ug/l	
72) Bromobenzene	10.78	156	64092	9.666 ug/l	98
73) n-propylbenzene	10.91	120	81979	9.987 ug/l	98
74) 2-Chlorotoluene	10.99	126	68167	9.830 ug/l	98
75) 1,3,5-Trimethylbenzene	11.09	105	259100	10.266 ug/l	99
76) 4-Chlorotoluene	11.10	126	73323	10.208 ug/l	98
77) tert-Butylbenzene	11.42	119	243681	10.064 ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	271783	10.500 ug/l	99
79) sec-Butylbenzene	11.64	105	346295	10.048 ug/l	100
80) Nitrobenzene	13.20	77	6363	48.807 ug/l	97
81) p-Isopropyltoluene	11.79	119	279825	10.075 ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	134889	9.452 ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	136602	9.516 ug/l	99
84) n-Butylbenzene	12.20	91	290020	9.831 ug/l	100
85) 1,2-Dichlorobenzene	12.21	146	131292	9.545 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.99	75	13270	10.631 ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	81562	9.481 ug/l	98
88) Hexachlorobutadiene	14.01	225	35517	9.091 ug/l	99
89) Naphthalene	14.08	128	185242	10.064 ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	77340	9.523 ug/l	99

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

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