Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU081220\
Data File : VU039842.D
Acq On : 12 Aug 2020 13:31
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
8/13/2020 11:36:00 AM

Quant Time: Aug 13 03:33:56 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	20877	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	8136	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	7292	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	62919	8.673	ug/l	99
3) Chloromethane	1.53	50	70703	7.846	ug/l	99
4) Vinyl Chloride	1.61	62	74399	8.958	ug/l	98
5) Bromomethane	1.86	94	35418	6.235	ug/l	100
6) Chloroethane	1.94	64	49715	8.627	ug/l	99
7) Trichlorofluoromethane	2.15	101	101414	9.232	ug/l	94
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	58894	9.342	ug/l	98
9) 1,1-Dichloroethene	2.59	96	52032	8.970	ug/l	98
10) Iodomethane	2.74	142	39410	6.736	ug/l	97
11) Allyl Chloride	2.94	41	122730	9.808	ug/l	100
12) Acrylonitrile	3.34	53	39276	19.290	ug/l	93
13) Acetone	2.65	43	82550	43.090	ug/l	99
14) Carbon Disulfide	2.81	76	154515	7.264	ug/l	99
15) Methylene Chloride	3.06	84	67146	8.304	ug/l	96
16) trans-1,2-Dichloroethene	3.37	96	60437	9.164	ug/l	97
17) 1,1-Dichloroethane	3.89	63	141587	9.777	ug/l	99
18) 2-Butanone	4.74	43	138244	42.912	ug/l	98
19) Cyclohexane	5.39	56	122892m	8.768	ug/l	
20) Methylcyclohexane	6.77	83	92892	8.944	ug/l	97
21) 2,2-Dichloropropane	4.68	77	111736	9.458	ug/l	99
22) cis-1,2-Dichloroethene	4.69	96	66643	9.375	ug/l	96
23) Diethyl Ether	2.39	59	54433	9.178	ug/l	97
24) tert-Butyl Alcohol	3.22	59	68736	97.124	ug/l	99
25) Methyl tert-Butyl Ether	3.39	73	180414	9.532	ug/l	99
26) Bromochloromethane	4.99	128	26742	9.195	ug/l	97
27) Chloroform	5.11	83	132751	9.795	ug/l	99
28) 1,1,1-Trichloroethane	5.33	97	109574	9.992	ug/l	100
29) 1,1-Dichloropropene	5.54	75	100728	9.538	ug/l	97
30) Carbon Tetrachloride	5.53	117	90767	10.122	ug/l	97
31) Isopropyl Ether	4.02	45	267882	10.142	ug/l	100
32) Ethyl-t-butyl ether	4.54	59	220567	9.813	ug/l	100
33) Tert-Amyl methyl ether	5.97	73	149802	9.244	ug/l	100
34) Propionitrile	4.81	54	36205	45.557	ug/l	99
35) Benzene	5.78	78	243284	9.313	ug/l	99
36) 1,2-Dichloroethane	5.81	62	88913	9.080	ug/l	100
37) Trichloroethene	6.55	130	53966	9.030	ug/l	98
38) 1,2-Dichloropropane	6.81	63	71637	9.950	ug/l	97
39) Methacrylonitrile	5.01	41	36270	8.660	ug/l	98
40) Methyl acrylate	4.88	55	48145	8.915	ug/l	99
41) Tetrahydrofuran	5.09	42	35872	17.024	ug/l	97
42) 1-Chlorobutane	5.47	56	159521	9.625	ug/l	97

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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	34300	8.853 ug/l	99
44) Bromodichloromethane	7.12	83	89962	10.128 ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	279260	47.584 ug/l	98
46) t-1,4-Dichloro-2-butene	10.83	75	30848m	17.672 ug/l	
47) Methyl methacrylate	6.98	69	69245	19.163 ug/l	97
48) Ethyl methacrylate	8.35	69	61450	9.239 ug/l	98
49) Toluene	7.98	92	147736	9.502 ug/l	99
50) t-1,3-Dichloropropene	8.22	75	79514	9.939 ug/l	97
51) cis-1,3-Dichloropropene	7.62	75	92639	9.852 ug/l	96
52) 1,1,2-Trichloroethane	8.41	97	46511	9.240 ug/l	98
53) 1,3-Dichloropropane	8.58	76	87767	9.081 ug/l	100
54) 2-Hexanone	8.70	43	193392	46.024 ug/l	98
55) Dibromochloromethane	8.82	129	52297	9.675 ug/l	99
56) 1,2-Dibromoethane	8.93	107	42392	8.740 ug/l	100
58) Tetrachloroethene	8.56	164	49902	9.538 ug/l	95
59) Chlorobenzene	9.45	112	151126	9.399 ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.54	131	54071	9.974 ug/l	98
61) Pentachloroethane	11.43	117	43143	9.058 ug/l	96
62) Hexachloroethane	12.47	117	44880	10.280 ug/l	100
63) Ethyl Benzene	9.57	91	277945	9.646 ug/l	100
64) m/p-Xylenes	9.70	106	216919	19.268 ug/l	99
65) o-Xylene	10.10	106	101615	9.507 ug/l	99
66) Styrene	10.11	104	183791	10.034 ug/l	99
67) Bromoform	10.29	173	26750	9.701 ug/l	99
69) Isopropylbenzene	10.48	105	272008	9.528 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	63442	8.755 ug/l	99
71) 1,2,3-Trichloropropane	10.83	75	49136m	9.001 ug/l	
72) Bromobenzene	10.78	156	59903	9.239 ug/l	98
73) n-propylbenzene	10.91	120	75938	9.460 ug/l	97
74) 2-Chlorotoluene	10.99	126	61813	9.116 ug/l	97
75) 1,3,5-Trimethylbenzene	11.09	105	239221	9.693 ug/l	99
76) 4-Chlorotoluene	11.10	126	68355	9.732 ug/l	99
77) tert-Butylbenzene	11.42	119	223012	9.419 ug/l	100
78) 1,2,4-Trimethylbenzene	11.46	105	249524	9.858 ug/l	99
79) sec-Butylbenzene	11.64	105	321802	9.549 ug/l	100
80) Nitrobenzene	13.20	77	8767	71.499 ug/l	97
81) p-Isopropyltoluene	11.79	119	260614	9.596 ug/l	100
82) 1,3-Dichlorobenzene	11.74	146	125382	8.985 ug/l	100
83) 1,4-Dichlorobenzene	11.83	146	125834	8.965 ug/l	100
84) n-Butylbenzene	12.20	91	274429	9.513 ug/l	99
85) 1,2-Dichlorobenzene	12.21	146	121297	9.018 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	11952	9.792 ug/l	93
87) 1,2,4-Trichlorobenzene	13.83	180	79222	9.417 ug/l	98
88) Hexachlorobutadiene	14.01	225	36248	9.488 ug/l	99
89) Naphthalene	14.08	128	167755	9.320 ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	75201	9.469 ug/l	99

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

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