Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020819\
Data File : VU029372.D
Acq On : 08 Feb 2019 10:27
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
MMDadoda
2/18/2019 12:15:45 PM

Quant Time: Feb 09 03:25:40 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:52:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	55821	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	24682	1.13	ug/l		0.00
Spiked Amount 1.000			Recovery = 113.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	24872	1.11	ug/l		0.00
Spiked Amount 1.000			Recovery = 111.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	199760	9.589	ug/l		99
3) Chloromethane	1.33	50	166024	8.721	ug/l		98
4) Vinyl Chloride	1.40	62	214996	9.634	ug/l		100
5) Bromomethane	1.62	94	127508	10.272	ug/l		95
6) Chloroethane	1.70	64	128429	9.850	ug/l		99
7) Trichlorofluoromethane	1.88	101	333621	10.705	ug/l		98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	181141	11.008	ug/l		88
9) 1,1-Dichloroethene	2.28	96	173109	10.750	ug/l		72
10) Iodomethane	2.41	142	243197	10.088	ug/l	#	78
11) Allyl Chloride	2.59	41	259329	9.603	ug/l		93
12) Acrylonitrile	2.93	53	72679	20.137	ug/l		96
13) Acetone	2.32	43	173412	49.854	ug/l	#	83
14) Carbon Disulfide	2.47	76	575248	10.117	ug/l		100
15) Methylene Chloride	2.70	84	189239	9.692	ug/l	#	78
16) trans-1,2-Dichloroethene	2.98	96	193121	10.724	ug/l	#	76
17) 1,1-Dichloroethane	3.44	63	283434	9.932	ug/l		96
18) 2-Butanone	4.27	43	190185	48.920	ug/l		98
19) Cyclohexane	4.99	56	205354	7.761	ug/l		85
20) Methylcyclohexane	6.41	83	284058	10.222	ug/l	#	84
21) 2,2-Dichloropropane	4.22	77	269581	10.206	ug/l		92
22) cis-1,2-Dichloroethene	4.22	96	180228	10.624	ug/l		76
23) Diethyl Ether	2.10	59	128894	9.968	ug/l		88
24) tert-Butyl Alcohol	2.83	59	136250	101.389	ug/l		99
25) Methyl tert-Butyl Ether	3.00	73	469259	10.349	ug/l	#	86
26) Bromochloromethane	4.54	128	81551	10.883	ug/l		70
27) Chloroform	4.67	83	289040	10.415	ug/l		99
28) 1,1,1-Trichloroethane	4.91	97	267187	10.388	ug/l		94
29) 1,1-Dichloropropene	5.13	75	221560	9.922	ug/l		91
30) Carbon Tetrachloride	5.13	117	251797	10.813	ug/l		97
31) Isopropyl Ether	3.58	45	400868	9.310	ug/l		91
32) Ethyl-t-butyl ether	4.07	59	414628	9.609	ug/l		87
33) Tert-Amyl methyl ether	5.58	73	394786	10.118	ug/l		98
34) Propionitrile	4.33	54	53373	52.230	ug/l	#	91
35) Benzene	5.38	78	624742	10.117	ug/l		99
36) 1,2-Dichloroethane	5.40	62	183180	9.808	ug/l	#	90
37) Trichloroethene	6.18	130	197232	11.131	ug/l		85
38) 1,2-Dichloropropane	6.43	63	156763	9.759	ug/l		99
39) Methacrylonitrile	4.54	41	48480	9.264	ug/l	#	88
40) Methyl acrylate	4.42	55	78232	9.903	ug/l	#	90
41) Tetrahydrofuran	4.65	42	46944	17.808	ug/l	#	78
42) 1-Chlorobutane	5.06	56	285144	9.531	ug/l		86

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.56	93	87835	10.261 ug/l		91
44) Bromodichloromethane	6.76	83	221930	10.175 ug/l		95
45) 4-Methyl-2-Pentanone	7.46	43	472968	47.133 ug/l	#	89
46) t-1,4-Dichloro-2-butene	10.51	75	96253m	19.688 ug/l		
47) Methyl methacrylate	6.62	69	155507	20.647 ug/l	#	74
48) Ethyl methacrylate	8.02	69	167378	10.359 ug/l		78
49) Toluene	7.63	92	415544	10.516 ug/l		98
50) t-1,3-Dichloropropene	7.88	75	217009	10.149 ug/l		97
51) cis-1,3-Dichloropropene	7.27	75	256960	10.117 ug/l	#	88
52) 1,1,2-Trichloroethane	8.06	97	119764	10.568 ug/l		98
53) 1,3-Dichloropropane	8.24	76	205283	10.311 ug/l		99
54) 2-Hexanone	8.36	43	342191	48.649 ug/l		87
55) Dibromochloromethane	8.47	129	177363	11.011 ug/l		99
56) 1,2-Dibromoethane	8.59	107	120410	10.356 ug/l		100
58) Tetrachloroethene	8.22	164	188275	11.419 ug/l		91
59) Chlorobenzene	9.12	112	491993	11.053 ug/l		97
60) 1,1,1,2-Tetrachloroethane	9.21	131	184332	11.207 ug/l		98
61) Pentachloroethane	11.10	117	139903	10.975 ug/l		84
62) Hexachloroethane	12.14	117	156626	11.257 ug/l		92
63) Ethyl Benzene	9.25	91	815897	10.555 ug/l		93
64) m/p-Xylenes	9.37	106	654459	21.785 ug/l		85
65) o-Xylene	9.77	106	319178	10.824 ug/l		86
66) Styrene	9.79	104	534291	10.869 ug/l		93
67) Bromoform	9.95	173	114077	11.384 ug/l		98
69) Isopropylbenzene	10.16	105	858226	10.894 ug/l		95
70) 1,1,2,2-Tetrachloroethane	10.46	83	153757	10.586 ug/l		97
71) 1,2,3-Trichloropropane	10.49	75	108412m	10.869 ug/l		
72) Bromobenzene	10.45	156	220870	11.566 ug/l		82
73) n-propylbenzene	10.58	120	249873	11.387 ug/l		75
74) 2-Chlorotoluene	10.66	126	209324	11.203 ug/l		74
75) 1,3,5-Trimethylbenzene	10.77	105	729287	10.737 ug/l		94
76) 4-Chlorotoluene	10.77	126	219850	11.337 ug/l		75
77) tert-Butylbenzene	11.10	119	741007	11.037 ug/l		91
78) 1,2,4-Trimethylbenzene	11.14	105	743218	10.808 ug/l		94
79) sec-Butylbenzene	11.32	105	954900	10.870 ug/l		95
80) Nitrobenzene	12.86	77	34317	53.028 ug/l		92
81) p-Isopropyltoluene	11.47	119	833352	11.192 ug/l		93
82) 1,3-Dichlorobenzene	11.41	146	434769	11.604 ug/l		96
83) 1,4-Dichlorobenzene	11.50	146	434210	11.637 ug/l		96
84) n-Butylbenzene	11.89	91	749008	10.961 ug/l		96
85) 1,2-Dichlorobenzene	11.88	146	403567	11.393 ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	25824	9.526 ug/l	#	53
87) 1,2,4-Trichlorobenzene	13.50	180	306219	12.307 ug/l		98
88) Hexachlorobutadiene	13.69	225	179647	12.467 ug/l		98
89) Naphthalene	13.74	128	490474	11.623 ug/l		98
90) 1,2,3-Trichlorobenzene	13.98	180	268442	11.805 ug/l		98

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

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