Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU042619\
Data File : VU031511.D
Acq On : 25 Apr 2019 20:43
Operator : JC/SP
Sample : VSTDICC015
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC015

Manual Integrations APPROVED

Quant Time: Apr 26 03:53:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 02:56:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	83522	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	29547	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	27362	0.91	ug/l	0.00
Spiked Amount 1.000			Recovery = 91.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	508409	14.048	ug/l	99
3) Chloromethane	1.32	50	575455	14.784	ug/l	99
4) Vinyl Chloride	1.40	62	564852	14.853	ug/l	100
5) Bromomethane	1.62	94	272259	12.745	ug/l	96
6) Chloroethane	1.69	64	306979	12.146	ug/l	96
7) Trichlorofluoromethane	1.88	101	648921	12.176	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	316416	11.967	ug/l	100
9) 1,1-Dichloroethene	2.28	96	318243	12.048	ug/l	99
10) Iodomethane	2.41	142	404361	11.618	ug/l	98
11) Allyl Chloride	2.59	41	700443	13.350	ug/l	99
12) Acrylonitrile	2.93	53	189322	24.702	ug/l	98
13) Acetone	2.32	43	407749	58.278	ug/l	97
14) Carbon Disulfide	2.47	76	1218570	12.443	ug/l	100
15) Methylene Chloride	2.69	84	375282	11.049	ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	356387	12.201	ug/l	97
17) 1,1-Dichloroethane	3.44	63	743751	15.261	ug/l	100
18) 2-Butanone	4.27	43	656312	86.759	ug/l	99
19) Cyclohexane	4.99	56	682740m	19.372	ug/l	
20) Methylcyclohexane	6.41	83	590293	17.377	ug/l	97
21) 2,2-Dichloropropane	4.22	77	537790	14.453	ug/l	98
22) cis-1,2-Dichloroethene	4.22	96	397382	15.045	ug/l	99
23) Diethyl Ether	2.10	59	313858	12.719	ug/l	99
24) tert-Butyl Alcohol	2.83	59	329507	126.496	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	968565	12.594	ug/l	100
26) Bromochloromethane	4.54	128	166181	13.966	ug/l	99
27) Chloroform	4.67	83	697850	14.654	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	584121	14.492	ug/l	99
29) 1,1-Dichloropropene	5.13	75	534696	15.750	ug/l	100
30) Carbon Tetrachloride	5.13	117	505643	14.306	ug/l	97
31) Isopropyl Ether	3.57	45	1241051	17.186	ug/l	98
32) Ethyl-t-butyl ether	4.07	59	1055094	17.389	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	885418	17.163	ug/l	100
34) Propionitrile	4.32	54	179351	86.140	ug/l #	96
35) Benzene	5.38	78	1553371	15.523	ug/l	98
36) 1,2-Dichloroethane	5.40	62	472469	14.816	ug/l	100
37) Trichloroethene	6.18	130	361788	13.093	ug/l	97
38) 1,2-Dichloropropane	6.43	63	433507	16.165	ug/l	98
39) Methacrylonitrile	4.54	41	159509	17.052	ug/l	99
40) Methyl acrylate	4.42	55	228562	18.936	ug/l	99
41) Tetrahydrofuran	4.64	42	166796	34.970	ug/l	97
42) 1-Chlorobutane	5.06	56	818578	16.854	ug/l	97

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC015

Manual Integrations APPROVED

Quant Time: Apr 26 03:53:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U042619DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Apr 26 02:56:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	202222	14.243	ug/l		100
44) Bromodichloromethane	6.75	83	511411	14.867	ug/l		98
45) 4-Methyl-2-Pentanone	7.46	43	1453374	86.560	ug/l		100
46) t-1,4-Dichloro-2-butene	10.51	75	170047m	27.259	ug/l		
47) Methyl methacrylate	6.62	69	399125	33.652	ug/l		99
48) Ethyl methacrylate	8.02	69	362202	17.330	ug/l		99
49) Toluene	7.63	92	888943	16.297	ug/l		99
50) t-1,3-Dichloropropene	7.87	75	462889	15.941	ug/l		99
51) cis-1,3-Dichloropropene	7.26	75	554938	16.046	ug/l		98
52) 1,1,2-Trichloroethane	8.06	97	275493	14.466	ug/l		97
53) 1,3-Dichloropropane	8.24	76	499162	15.330	ug/l		99
54) 2-Hexanone	8.36	43	989232	87.091	ug/l		97
55) Dibromochloromethane	8.47	129	316407	14.068	ug/l		99
56) 1,2-Dibromoethane	8.58	107	250343	14.166	ug/l		99
58) Tetrachloroethene	8.22	164	356644	15.114	ug/l		98
59) Chlorobenzene	9.12	112	897565	14.961	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.20	131	324987	14.404	ug/l		100
61) Pentachloroethane	11.10	117	223858	12.984	ug/l		98
62) Hexachloroethane	12.14	117	237115	14.074	ug/l		100
63) Ethyl Benzene	9.25	91	1638098	16.996	ug/l		100
64) m/p-Xylenes	9.37	106	1220057	33.385	ug/l		96
65) o-Xylene	9.77	106	579766	16.530	ug/l		99
66) Styrene	9.79	104	1034300	17.394	ug/l		99
67) Bromoform	9.95	173	177732	13.840	ug/l		98
69) Isopropylbenzene	10.16	105	1545850	16.488	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.45	83	355355	14.373	ug/l		98
71) 1,2,3-Trichloropropane	10.49	75	265902m	14.938	ug/l		
72) Bromobenzene	10.45	156	354401	14.408	ug/l		99
73) n-propylbenzene	10.58	120	415552	16.639	ug/l		99
74) 2-Chlorotoluene	10.66	126	363394	15.796	ug/l		100
75) 1,3,5-Trimethylbenzene	10.77	105	1348381	16.903	ug/l		99
76) 4-Chlorotoluene	10.77	126	374922	16.121	ug/l		99
77) tert-Butylbenzene	11.10	119	1226256	15.917	ug/l		100
78) 1,2,4-Trimethylbenzene	11.14	105	1369433	17.074	ug/l		99
79) sec-Butylbenzene	11.32	105	1693677	16.213	ug/l		99
80) Nitrobenzene	12.86	77	58562	74.810	ug/l	#	98
81) p-Isopropyltoluene	11.47	119	1378734	16.498	ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	691135	14.203	ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	698333	14.867	ug/l		100
84) n-Butylbenzene	11.89	91	1377419	17.024	ug/l		100
85) 1,2-Dichlorobenzene	11.87	146	654213	14.397	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.65	75	54325	15.499	ug/l		98
87) 1,2,4-Trichlorobenzene	13.50	180	407333	14.963	ug/l		100
88) Hexachlorobutadiene	13.69	225	238490	12.942	ug/l		99
89) Naphthalene	13.74	128	778208	17.098	ug/l		100
90) 1,2,3-Trichlorobenzene	13.98	180	393553	14.401	ug/l		99

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

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