Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU033119\
Data File : VU030569.D
Acq On : 30 Mar 2019 11:15
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
MMDadoda
4/5/2019 2:38:08 PM

Quant Time: Mar 31 00:58:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 00:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	55239	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	20727	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	19309	0.86	ug/l	0.00
Spiked Amount 1.000			Recovery = 86.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	116199	5.536	ug/l	99
3) Chloromethane	1.33	50	147414	6.121	ug/l	100
4) Vinyl Chloride	1.40	62	131503	6.291	ug/l	98
5) Bromomethane	1.63	94	55171	4.839	ug/l	98
6) Chloroethane	1.70	64	72937	6.091	ug/l	99
7) Trichlorofluoromethane	1.88	101	146131	5.545	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	72093	5.106	ug/l	100
9) 1,1-Dichloroethene	2.28	96	73053	5.217	ug/l	99
10) Iodomethane	2.41	142	65072	5.405	ug/l	99
11) Allyl Chloride	2.59	41	162064	7.465	ug/l	100
12) Acrylonitrile	2.94	53	39437	12.377	ug/l	98
13) Acetone	2.32	43	87202	30.945	ug/l	99
14) Carbon Disulfide	2.47	76	266473	5.409	ug/l	100
15) Methylene Chloride	2.69	84	85543	5.092	ug/l	99
16) trans-1,2-Dichloroethene	2.97	96	82886	5.148	ug/l	97
17) 1,1-Dichloroethane	3.44	63	168999	5.987	ug/l	99
18) 2-Butanone	4.28	43	124388	31.823	ug/l	99
19) Cyclohexane	4.99	56	146339m	6.025	ug/l	
20) Methylcyclohexane	6.41	83	127785	4.982	ug/l	100
21) 2,2-Dichloropropane	4.22	77	128046	5.466	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	88123	4.938	ug/l	97
23) Diethyl Ether	2.10	59	68076	6.214	ug/l	99
24) tert-Butyl Alcohol	2.84	59	66466	56.841	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	209736	5.760	ug/l	99
26) Bromochloromethane	4.54	128	35339	4.604	ug/l	97
27) Chloroform	4.67	83	156859	5.355	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	131586	5.504	ug/l	99
29) 1,1-Dichloropropene	5.13	75	117689	5.416	ug/l	99
30) Carbon Tetrachloride	5.13	117	107919	5.092	ug/l	99
31) Isopropyl Ether	3.58	45	274566	6.651	ug/l	100
32) Ethyl-t-butyl ether	4.07	59	214900	5.622	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	179593	5.229	ug/l	99
34) Propionitrile	4.34	54	35415	32.679	ug/l #	95
35) Benzene	5.38	78	344543	5.401	ug/l	99
36) 1,2-Dichloroethane	5.40	62	105412	6.013	ug/l	98
37) Trichloroethene	6.18	130	81837	4.601	ug/l	99
38) 1,2-Dichloropropane	6.43	63	97559	5.917	ug/l	100
39) Methacrylonitrile	4.55	41	31269	6.488	ug/l	98
40) Methyl acrylate	4.43	55	43472	5.927	ug/l	98
41) Tetrahydrofuran	4.65	42	33024	12.610	ug/l	96
42) 1-Chlorobutane	5.06	56	185793	6.320	ug/l	95

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Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC005

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Quant Time: Mar 31 00:58:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U033119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sun Mar 31 00:38:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	43269	5.176	ug/l		96
44) Bromodichloromethane	6.75	83	112600	5.578	ug/l		100
45) 4-Methyl-2-Pentanone	7.46	43	286230	32.496	ug/l		98
46) t-1,4-Dichloro-2-butene	10.52	75	37381m	11.578	ug/l		
47) Methyl methacrylate	6.62	69	76456	10.799	ug/l		99
48) Ethyl methacrylate	8.02	69	72228	5.436	ug/l		97
49) Toluene	7.63	92	191616	5.057	ug/l		100
50) t-1,3-Dichloropropene	7.88	75	99067	5.509	ug/l		99
51) cis-1,3-Dichloropropene	7.27	75	123079	5.488	ug/l		99
52) 1,1,2-Trichloroethane	8.06	97	57733	4.939	ug/l		98
53) 1,3-Dichloropropane	8.24	76	108086	5.436	ug/l		100
54) 2-Hexanone	8.36	43	193669	30.832	ug/l		99
55) Dibromochloromethane	8.47	129	66676	4.792	ug/l		97
56) 1,2-Dibromoethane	8.58	107	53441	4.797	ug/l		100
58) Tetrachloroethene	8.22	164	71443	4.430	ug/l		97
59) Chlorobenzene	9.12	112	212868	4.958	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	76201	5.058	ug/l		96
61) Pentachloroethane	11.10	117	58852	5.018	ug/l		99
62) Hexachloroethane	12.14	117	52291	4.558	ug/l		100
63) Ethyl Benzene	9.25	91	370209	5.174	ug/l		99
64) m/p-Xylenes	9.37	106	288768	10.444	ug/l		94
65) o-Xylene	9.77	106	135721	5.010	ug/l		100
66) Styrene	9.79	104	236121	5.274	ug/l		99
67) Bromoform	9.95	173	37367	4.739	ug/l		99
69) Isopropylbenzene	10.16	105	364430	5.110	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	81178	5.543	ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	46866	4.412	ug/l	#	98
72) Bromobenzene	10.45	156	83145	4.543	ug/l		98
73) n-propylbenzene	10.58	120	94801	4.745	ug/l		97
74) 2-Chlorotoluene	10.66	126	87133	4.960	ug/l		99
75) 1,3,5-Trimethylbenzene	10.77	105	316443	5.229	ug/l		99
76) 4-Chlorotoluene	10.77	126	89678	5.018	ug/l		98
77) tert-Butylbenzene	11.10	119	287293	4.878	ug/l		99
78) 1,2,4-Trimethylbenzene	11.14	105	311831	5.082	ug/l		100
79) sec-Butylbenzene	11.32	105	398166	5.038	ug/l		100
80) Nitrobenzene	12.88	77	4749m	18.842	ug/l		
81) p-Isopropyltoluene	11.47	119	313113	4.788	ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	169546	4.594	ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	167707	4.521	ug/l		99
84) n-Butylbenzene	11.89	91	285987	4.647	ug/l		100
85) 1,2-Dichlorobenzene	11.88	146	155754	4.527	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	12007	5.694	ug/l		96
87) 1,2,4-Trichlorobenzene	13.50	180	90378	3.751	ug/l		99
88) Hexachlorobutadiene	13.69	225	57578	4.319	ug/l		99
89) Naphthalene	13.74	128	145698	3.854	ug/l		100
90) 1,2,3-Trichlorobenzene	13.98	180	85578	3.897	ug/l		97

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

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Instrument :
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