Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031419\
Data File : VU030002.D
Acq On : 12 Mar 2019 11:21
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
3/13/2019 12:55:34 PM

Quant Time: Mar 13 04:18:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	64048	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	23418	1.01	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	27032	1.02	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.21	85	115709	4.926	ug/l	99
3) Chloromethane	1.33	50	131890	4.949	ug/l	99
4) Vinyl Chloride	1.40	62	113443	4.967	ug/l	100
5) Bromomethane	1.63	94	62624	4.797	ug/l	97
6) Chloroethane	1.70	64	65580	4.973	ug/l	97
7) Trichlorofluoromethane	1.88	101	145753	4.919	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	78736	4.885	ug/l	98
9) 1,1-Dichloroethene	2.28	96	79959	5.003	ug/l	99
10) Iodomethane	2.41	142	73309	5.294	ug/l	99
11) Allyl Chloride	2.59	41	113152	5.007	ug/l	99
12) Acrylonitrile	2.93	53	33410	9.653	ug/l	97
13) Acetone	2.32	43	69030	22.909	ug/l	99
14) Carbon Disulfide	2.48	76	271343	4.873	ug/l	99
15) Methylene Chloride	2.70	84	91777	4.823	ug/l	99
16) trans-1,2-Dichloroethene	2.98	96	91989	4.985	ug/l	97
17) 1,1-Dichloroethane	3.44	63	154929	4.966	ug/l	100
18) 2-Butanone	4.27	43	104321	25.007	ug/l	99
19) Cyclohexane	4.99	56	135137m	5.074	ug/l	
20) Methylcyclohexane	6.41	83	146610	4.970	ug/l	99
21) 2,2-Dichloropropane	4.22	77	129329	4.930	ug/l	99
22) cis-1,2-Dichloroethene	4.22	96	102812	5.011	ug/l	100
23) Diethyl Ether	2.10	59	59237	4.961	ug/l	98
24) tert-Butyl Alcohol	2.83	59	62287	48.744	ug/l	98
25) Methyl tert-Butyl Ether	3.00	73	202526	5.018	ug/l	100
26) Bromochloromethane	4.54	128	45394	5.058	ug/l	98
27) Chloroform	4.67	83	159997	4.874	ug/l	98
28) 1,1,1-Trichloroethane	4.91	97	134526	4.981	ug/l	100
29) 1,1-Dichloropropene	5.13	75	124207	5.052	ug/l	99
30) Carbon Tetrachloride	5.13	117	122245	5.063	ug/l	98
31) Isopropyl Ether	3.57	45	219315	4.995	ug/l	99
32) Ethyl-t-butyl ether	4.07	59	211116	4.991	ug/l	99
33) Tert-Amyl methyl ether	5.58	73	195597	5.051	ug/l	99
34) Propionitrile	4.33	54	30475	25.750	ug/l	98
35) Benzene	5.38	78	364123	5.062	ug/l	99
36) 1,2-Dichloroethane	5.40	62	96236	5.003	ug/l	100
37) Trichloroethene	6.18	130	101786	4.913	ug/l	97
38) 1,2-Dichloropropane	6.43	63	92214	5.043	ug/l	99
39) Methacrylonitrile	4.54	41	26385	5.203	ug/l #	90
40) Methyl acrylate	4.43	55	40329	5.033	ug/l	99
41) Tetrahydrofuran	4.65	42	26319	9.383	ug/l	99
42) 1-Chlorobutane	5.06	56	161360	5.011	ug/l	98

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Data File : VU030002.D
Acq On : 12 Mar 2019 11:21
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
3/13/2019 12:55:34 PM

Quant Time: Mar 13 04:18:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.56	93	46861	4.953 ug/l	100
44) Bromodichloromethane	6.75	83	114853	5.089 ug/l	98
45) 4-Methyl-2-Pentanone	7.46	43	238193	25.482 ug/l	99
46) t-1,4-Dichloro-2-butene	10.51	75	37164m	10.229 ug/l	
47) Methyl methacrylate	6.62	69	81687	10.306 ug/l	98
48) Ethyl methacrylate	8.02	69	79243	5.301 ug/l	100
49) Toluene	7.63	92	221243	5.104 ug/l	100
50) t-1,3-Dichloropropene	7.88	75	104316	5.161 ug/l	99
51) cis-1,3-Dichloropropene	7.27	75	131088	5.160 ug/l	98
52) 1,1,2-Trichloroethane	8.06	97	66639	4.982 ug/l	96
53) 1,3-Dichloropropane	8.24	76	115779	5.176 ug/l	98
54) 2-Hexanone	8.36	43	168205	24.976 ug/l	97
55) Dibromochloromethane	8.47	129	82266	5.113 ug/l	97
56) 1,2-Dibromoethane	8.58	107	65373	5.079 ug/l	99
58) Tetrachloroethene	8.22	164	93025	4.944 ug/l	99
59) Chlorobenzene	9.12	112	248656	5.020 ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.21	131	87382	4.995 ug/l	99
61) Pentachloroethane	11.10	117	66301	4.911 ug/l	99
62) Hexachloroethane	12.14	117	68155	5.010 ug/l	99
63) Ethyl Benzene	9.25	91	414771	5.099 ug/l	100
64) m/p-Xylenes	9.37	106	334653	10.457 ug/l	100
65) o-Xylene	9.77	106	161089	5.132 ug/l	100
66) Styrene	9.79	104	270171	5.251 ug/l	99
67) Bromoform	9.95	173	48605	5.285 ug/l	98
69) Isopropylbenzene	10.16	105	421887	5.155 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.46	83	81531	4.946 ug/l	98
71) 1,2,3-Trichloropropane	10.49	75	63394m	5.180 ug/l	
72) Bromobenzene	10.45	156	109238	5.089 ug/l	99
73) n-propylbenzene	10.58	120	122045	5.257 ug/l	99
74) 2-Chlorotoluene	10.66	126	103078	5.069 ug/l	96
75) 1,3,5-Trimethylbenzene	10.77	105	367166	5.266 ug/l	100
76) 4-Chlorotoluene	10.77	126	107973	5.202 ug/l	100
77) tert-Butylbenzene	11.10	119	353673	5.182 ug/l	99
78) 1,2,4-Trimethylbenzene	11.14	105	374161	5.277 ug/l	99
79) sec-Butylbenzene	11.32	105	476832	5.215 ug/l	100
80) Nitrobenzene	12.86	77	7138	23.183 ug/l	98
81) p-Isopropyltoluene	11.47	119	398823	5.201 ug/l	99
82) 1,3-Dichlorobenzene	11.41	146	219104	5.055 ug/l	99
83) 1,4-Dichlorobenzene	11.50	146	218299	5.010 ug/l	100
84) n-Butylbenzene	11.89	91	374481	5.228 ug/l	100
85) 1,2-Dichlorobenzene	11.88	146	201572	4.996 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	12530	5.276 ug/l	97
87) 1,2,4-Trichlorobenzene	13.50	180	148826	5.112 ug/l	98
88) Hexachlorobutadiene	13.69	225	78710	4.987 ug/l	98
89) Naphthalene	13.74	128	243411	5.335 ug/l	99
90) 1,2,3-Trichlorobenzene	13.98	180	136039	5.157 ug/l	99

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

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ALS Vial : 5 Sample Multiplier: 1

Quant Time: Mar 13 04:18:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U031419DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 13 04:00:32 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

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