Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030719\
Data File : VU029833.D
Acq On : 06 Mar 2019 10:47
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
3/11/2019 4:50:08 PM

Quant Time: Mar 08 01:28:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:00:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.74	96	63747	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.31	95	23633	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.00%			
68) 1,2-Dichlorobenzene-d4	11.86	152	26518	1.00	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	103451	4.850	ug/l	98
3) Chloromethane	1.33	50	93369	4.916	ug/l	99
4) Vinyl Chloride	1.40	62	105852	4.954	ug/l	98
5) Bromomethane	1.63	94	68617	4.702	ug/l	98
6) Chloroethane	1.70	64	62829	4.904	ug/l	96
7) Trichlorofluoromethane	1.88	101	145305	4.990	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	83346	4.920	ug/l	98
9) 1,1-Dichloroethene	2.28	96	81545	4.918	ug/l	99
10) Iodomethane	2.41	142	79764	5.549	ug/l	100
11) Allyl Chloride	2.59	41	115045	4.936	ug/l	99
12) Acrylonitrile	2.94	53	35450	9.805	ug/l	99
13) Acetone	2.32	43	73342	24.493	ug/l	96
14) Carbon Disulfide	2.47	76	265010	4.935	ug/l	99
15) Methylene Chloride	2.70	84	94227	4.736	ug/l	100
16) trans-1,2-Dichloroethene	2.97	96	91777	4.900	ug/l	98
17) 1,1-Dichloroethane	3.44	63	156118	4.981	ug/l	98
18) 2-Butanone	4.27	43	102672	25.230	ug/l	98
19) Cyclohexane	4.99	56	123209m	5.181	ug/l	
20) Methylcyclohexane	6.41	83	144304	5.092	ug/l	98
21) 2,2-Dichloropropane	4.22	77	129621	5.060	ug/l	96
22) cis-1,2-Dichloroethene	4.22	96	99998	5.037	ug/l	98
23) Diethyl Ether	2.10	59	61688	4.962	ug/l	99
24) tert-Butyl Alcohol	2.83	59	62105	48.431	ug/l	99
25) Methyl tert-Butyl Ether	3.00	73	209318	5.013	ug/l	99
26) Bromochloromethane	4.54	128	46089	5.230	ug/l	95
27) Chloroform	4.67	83	156614	4.935	ug/l	99
28) 1,1,1-Trichloroethane	4.91	97	136538	5.074	ug/l	99
29) 1,1-Dichloropropene	5.13	75	119985	5.018	ug/l	100
30) Carbon Tetrachloride	5.13	117	120377	5.128	ug/l	98
31) Isopropyl Ether	3.58	45	215024	4.975	ug/l	97
32) Ethyl-t-butyl ether	4.07	59	210463	5.009	ug/l	100
33) Tert-Amyl methyl ether	5.58	73	200440	5.159	ug/l	99
34) Propionitrile	4.33	54	30511	25.205	ug/l #	96
35) Benzene	5.38	78	357113	5.070	ug/l	99
36) 1,2-Dichloroethane	5.40	62	94781	4.927	ug/l	99
37) Trichloroethene	6.18	130	101865	4.953	ug/l	96
38) 1,2-Dichloropropane	6.43	63	89216	5.004	ug/l	98
39) Methacrylonitrile	4.55	41	25843	5.075	ug/l	99
40) Methyl acrylate	4.43	55	40469	5.028	ug/l	99
41) Tetrahydrofuran	4.65	42	24706	9.276	ug/l	97
42) 1-Chlorobutane	5.06	56	158652	5.194	ug/l	100

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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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MMDadoda
3/11/2019 4:50:08 PM

Quant Time: Mar 08 01:28:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U030719DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Mar 07 01:00:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	47422	5.132	ug/l		99
44) Bromodichloromethane	6.75	83	113625	5.007	ug/l		98
45) 4-Methyl-2-Pentanone	7.46	43	248401	25.774	ug/l		99
46) t-1,4-Dichloro-2-butene	10.51	75	43227m	10.304	ug/l		
47) Methyl methacrylate	6.62	69	82063	10.349	ug/l		98
48) Ethyl methacrylate	8.02	69	80506	5.299	ug/l		100
49) Toluene	7.63	92	222317	5.139	ug/l		97
50) t-1,3-Dichloropropene	7.88	75	102449	5.151	ug/l		98
51) cis-1,3-Dichloropropene	7.27	75	125185	5.084	ug/l		99
52) 1,1,2-Trichloroethane	8.06	97	70267	5.137	ug/l		98
53) 1,3-Dichloropropane	8.24	76	112987	5.036	ug/l		98
54) 2-Hexanone	8.36	43	175438	26.210	ug/l		99
55) Dibromochloromethane	8.47	129	83165	5.123	ug/l		99
56) 1,2-Dibromoethane	8.58	107	65972	5.087	ug/l		100
58) Tetrachloroethene	8.22	164	104054	4.953	ug/l		98
59) Chlorobenzene	9.12	112	250973	5.048	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	90645	5.083	ug/l		99
61) Pentachloroethane	11.10	117	63133	5.085	ug/l		97
62) Hexachloroethane	12.14	117	66524	5.093	ug/l		98
63) Ethyl Benzene	9.25	91	419023	5.145	ug/l		99
64) m/p-Xylenes	9.37	106	338234	10.506	ug/l		100
65) o-Xylene	9.77	106	161293	5.216	ug/l		98
66) Styrene	9.79	104	275298	5.359	ug/l		99
67) Bromoform	9.95	173	49661	5.208	ug/l		97
69) Isopropylbenzene	10.16	105	425870	5.194	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.45	83	85310	5.114	ug/l		99
71) 1,2,3-Trichloropropane	10.49	75	65882m	5.453	ug/l		
72) Bromobenzene	10.45	156	111600	5.142	ug/l		98
73) n-propylbenzene	10.58	120	122493	5.314	ug/l		98
74) 2-Chlorotoluene	10.66	126	105062	5.138	ug/l		98
75) 1,3,5-Trimethylbenzene	10.77	105	363780	5.267	ug/l		100
76) 4-Chlorotoluene	10.77	126	108300	5.194	ug/l		100
77) tert-Butylbenzene	11.10	119	354092	5.181	ug/l		100
78) 1,2,4-Trimethylbenzene	11.14	105	376973	5.401	ug/l		99
79) sec-Butylbenzene	11.32	105	478660	5.285	ug/l		100
80) Nitrobenzene	12.86	77	6813	21.397	ug/l	#	91
81) p-Isopropyltoluene	11.47	119	402340	5.306	ug/l		100
82) 1,3-Dichlorobenzene	11.41	146	221056	5.143	ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	218337	5.199	ug/l		98
84) n-Butylbenzene	11.89	91	362714	5.250	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	203492	5.021	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	12421	5.215	ug/l		99
87) 1,2,4-Trichlorobenzene	13.50	180	135991	5.239	ug/l		99
88) Hexachlorobutadiene	13.69	225	81697	4.997	ug/l		99
89) Naphthalene	13.74	128	227597	5.486	ug/l		99
90) 1,2,3-Trichlorobenzene	13.98	180	127231	5.218	ug/l		96

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

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