Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012919\
Data File : VU029309.D
Acq On : 29 Jan 2019 19:23
Operator : JC/SP
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICV010

Manual Integrations APPROVED
MMDadoda
1/30/2019 12:49:53 PM

Quant Time: Jan 30 12:36:07 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 09:13:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	8016	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.30	95	3344	1.07	ug/l		0.00
Spiked Amount 1.000			Recovery = 107.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	3419	1.10	ug/l		0.00
Spiked Amount 1.000			Recovery = 110.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.20	85	19257	5.206	ug/l		98
3) Chloromethane	1.32	50	23233	7.758	ug/l		95
4) Vinyl Chloride	1.39	62	25372	8.218	ug/l		98
5) Bromomethane	1.62	94	16208	8.374	ug/l		98
6) Chloroethane	1.69	64	19634	9.077	ug/l		99
7) Trichlorofluoromethane	1.87	101	51197	8.950	ug/l		94
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	23416	9.790	ug/l		97
9) 1,1-Dichloroethene	2.27	96	21459	9.690	ug/l		98
10) Iodomethane	2.40	142	22180	9.068	ug/l		99
11) Allyl Chloride	2.58	41	50486	9.640	ug/l		97
12) Acrylonitrile	2.93	53	31115	46.685	ug/l		97
13) Acetone	2.31	43	38090	46.159	ug/l		99
14) Carbon Disulfide	2.47	76	73259	9.180	ug/l		99
15) Methylene Chloride	2.69	84	24465	8.363	ug/l		97
16) trans-1,2-Dichloroethene	2.97	96	24730	9.931	ug/l		97
17) 1,1-Dichloroethane	3.43	63	50150	9.312	ug/l		98
18) 2-Butanone	4.27	43	44748	52.817	ug/l		100
19) Cyclohexane	4.98	56	37228	10.912	ug/l		100
20) Methylcyclohexane	6.41	83	41137	11.275	ug/l		99
21) 2,2-Dichloropropane	4.21	77	45447	9.310	ug/l		100
22) cis-1,2-Dichloroethene	4.21	96	25964	9.898	ug/l		95
23) Diethyl Ether	2.09	59	21524	9.672	ug/l		97
24) tert-Butyl Alcohol	2.83	59	13184	47.273	ug/l		98
25) Methyl tert-Butyl Ether	2.99	73	74731	9.942	ug/l		99
26) Bromochloromethane	4.54	128	11656	10.873	ug/l		91
27) Chloroform	4.66	83	52520	9.735	ug/l		95
28) 1,1,1-Trichloroethane	4.90	97	49265	9.771	ug/l		99
29) 1,1-Dichloropropene	5.13	75	38615	10.390	ug/l		99
30) Carbon Tetrachloride	5.13	117	43411	9.848	ug/l		98
31) Isopropyl Ether	3.57	45	86061	10.900	ug/l	#	1
34) Propionitrile	4.32	54	23621	111.065	ug/l	#	94
35) Benzene	5.38	78	102493	10.025	ug/l		99
36) 1,2-Dichloroethane	5.40	62	41320	9.764	ug/l		99
37) Trichloroethene	6.18	130	25371	9.856	ug/l		93
38) 1,2-Dichloropropane	6.43	63	27725	9.910	ug/l		100
39) Methacrylonitrile	4.54	41	10566	10.352	ug/l		99
40) Methyl acrylate	4.42	55	14527	10.527	ug/l	#	97
41) Tetrahydrofuran	4.64	42	27057	56.739	ug/l		98
42) 1-Chlorobutane	5.05	56	57221	10.047	ug/l		97
43) Dibromomethane	6.55	93	13834	9.913	ug/l		97
44) Bromodichloromethane	6.75	83	39783	9.799	ug/l		97

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jan 30 09:13:14 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.46	43	100486	52.060	ug/l		99
46) t-1,4-Dichloro-2-butene	10.51	75	6517m	10.014	ug/l		
47) Methyl methacrylate	6.62	69	13411	11.366	ug/l		98
48) Ethyl methacrylate	8.02	69	25078	11.149	ug/l		99
49) Toluene	7.63	92	64885	10.938	ug/l		97
50) t-1,3-Dichloropropene	7.88	75	38588	11.119	ug/l		97
51) cis-1,3-Dichloropropene	7.26	75	40602	10.602	ug/l		97
52) 1,1,2-Trichloroethane	8.06	97	19435	10.625	ug/l		98
53) 1,3-Dichloropropane	8.24	76	35066	10.221	ug/l		97
54) 2-Hexanone	8.36	43	72012	52.721	ug/l		99
55) Dibromochloromethane	8.47	129	24435	9.912	ug/l		99
56) 1,2-Dibromoethane	8.58	107	18279	10.873	ug/l		97
58) Tetrachloroethene	8.22	164	25276	10.345	ug/l		96
59) Chlorobenzene	9.12	112	68556	10.631	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	26410	9.921	ug/l		99
61) Pentachloroethane	11.10	117	20560	10.029	ug/l		94
62) Hexachloroethane	12.14	117	20490	10.400	ug/l		99
63) Ethyl Benzene	9.25	91	127907	11.347	ug/l		100
64) m/p-Xylenes	9.37	106	98992	23.375	ug/l		97
65) o-Xylene	9.78	106	45376	11.174	ug/l		99
66) Styrene	9.79	104	77129	11.023	ug/l		99
67) Bromoform	9.95	173	14918	10.463	ug/l		99
69) Isopropylbenzene	10.16	105	131636	11.713	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	23739	9.711	ug/l		100
71) 1,2,3-Trichloropropane	10.49	75	20009m	9.643	ug/l		
72) Bromobenzene	10.45	156	30627	11.046	ug/l		97
73) n-propylbenzene	10.58	120	34493	11.408	ug/l		98
74) 2-Chlorotoluene	10.66	126	29789	11.309	ug/l		96
75) 1,3,5-Trimethylbenzene	10.77	105	115061	11.555	ug/l		100
76) 4-Chlorotoluene	10.77	126	31125	11.137	ug/l		100
77) tert-Butylbenzene	11.10	119	106213	11.102	ug/l		99
78) 1,2,4-Trimethylbenzene	11.14	105	118026	11.630	ug/l		100
79) sec-Butylbenzene	11.32	105	135868	10.850	ug/l		99
80) Nitrobenzene	12.86	77	1290	13.859	ug/l	#	87
81) p-Isopropyltoluene	11.47	119	121917	11.513	ug/l		99
82) 1,3-Dichlorobenzene	11.41	146	59300	10.313	ug/l		99
83) 1,4-Dichlorobenzene	11.50	146	61002	10.531	ug/l		99
84) n-Butylbenzene	11.89	91	120416	11.701	ug/l		100
85) 1,2-Dichlorobenzene	11.88	146	55085	10.585	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.66	75	5066	11.290	ug/l		98
87) 1,2,4-Trichlorobenzene	13.50	180	42137	11.972	ug/l		100
88) Hexachlorobutadiene	13.69	225	24799	11.045	ug/l		99
89) Naphthalene	13.74	128	72251	12.784	ug/l		98
90) 1,2,3-Trichlorobenzene	13.98	180	38477	11.754	ug/l		97

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

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