Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072518\
Data File : VU025632.D
Acq On : 25 Jul 2018 12:14
Operator : MD/SY
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : ICVVU072518

Manual Integrations APPROVED
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7/26/2018 4:26:38 PM

Quant Time: Jul 26 03:29:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 25 12:16:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	39285	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	15840	1.09	ug/l		0.00
Spiked Amount 1.000			Recovery = 109.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	16183	1.00	ug/l		0.00
Spiked Amount 1.000			Recovery = 100.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	92894	6.631	ug/l		100
3) Chloromethane	1.33	50	106064	8.008	ug/l		97
4) Vinyl Chloride	1.41	62	109659	8.945	ug/l		98
5) Bromomethane	1.63	94	57157	9.573	ug/l		97
6) Chloroethane	1.70	64	66284	9.011	ug/l		96
7) Trichlorofluoromethane	1.89	101	166816	9.332	ug/l		100
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	95507	9.731	ug/l		98
9) 1,1-Dichloroethene	2.29	96	88915	10.266	ug/l		95
10) Iodomethane	2.41	142	80856	9.622	ug/l		95
11) Allyl Chloride	2.59	41	148348	10.246	ug/l		90
12) Acrylonitrile	2.94	53	90912	47.613	ug/l		96
13) Acetone	2.32	43	151020	90.946	ug/l		95
14) Carbon Disulfide	2.48	76	281662	9.508	ug/l		99
15) Methylene Chloride	2.70	84	94992	9.200	ug/l		95
16) trans-1,2-Dichloroethene	2.98	96	97131	10.002	ug/l		95
17) 1,1-Dichloroethane	3.45	63	197937	10.276	ug/l		99
18) 2-Butanone	4.28	43	188039	65.256	ug/l		100
19) Cyclohexane	5.00	56	154844	10.426	ug/l		89
20) Methylcyclohexane	6.42	83	192731	10.579	ug/l		93
21) 2,2-Dichloropropane	4.23	77	190573	10.378	ug/l		99
22) cis-1,2-Dichloroethene	4.23	96	120554	9.860	ug/l		95
23) Diethyl Ether	2.10	59	64218	9.789	ug/l		96
24) tert-Butyl Alcohol	2.84	59	34671	44.994	ug/l	#	82
25) Methyl tert-Butyl Ether	3.00	73	228587	9.759	ug/l		98
26) Bromochloromethane	4.55	128	50878	9.450	ug/l		83
27) Chloroform	4.68	83	208552	9.853	ug/l		99
28) 1,1,1-Trichloroethane	4.92	97	192768	10.098	ug/l		97
29) 1,1-Dichloropropene	5.14	75	162259	10.364	ug/l		98
30) Carbon Tetrachloride	5.14	117	176129	10.160	ug/l		98
31) Isopropyl Ether	3.58	45	324204	10.506	ug/l	#	1
34) Propionitrile	4.34	54	79671	99.509	ug/l	#	93
35) Benzene	5.39	78	440595	10.066	ug/l		99
36) 1,2-Dichloroethane	5.41	62	135636	10.095	ug/l		98
37) Trichloroethene	6.19	130	127773	9.910	ug/l		100
38) 1,2-Dichloropropane	6.44	63	115071	10.132	ug/l		96
39) Methacrylonitrile	4.55	41	36819	9.989	ug/l		91
40) Methyl acrylate	4.43	55	56773	10.213	ug/l		96
41) Tetrahydrofuran	4.65	42	92677	42.554	ug/l		94
42) 1-Chlorobutane	5.07	56	215965	10.120	ug/l		99
43) Dibromomethane	6.56	93	59894	10.103	ug/l		98
44) Bromodichloromethane	6.76	83	153298	10.204	ug/l		99

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Quant Time: Jul 26 03:29:53 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072518DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.47	43	341115	51.592	ug/l		97
46) t-1,4-Dichloro-2-butene	10.52	75	19993m	8.075	ug/l		
47) Methyl methacrylate	6.63	69	53315	10.754	ug/l		96
48) Ethyl methacrylate	8.02	69	102504	10.292	ug/l		100
49) Toluene	7.64	92	280199	10.475	ug/l		97
50) t-1,3-Dichloropropene	7.88	75	148982	10.986	ug/l		100
51) cis-1,3-Dichloropropene	7.27	75	171304	10.544	ug/l		99
52) 1,1,2-Trichloroethane	8.07	97	81943	10.310	ug/l		96
53) 1,3-Dichloropropane	8.25	76	139988	10.433	ug/l		100
54) 2-Hexanone	8.37	43	290710	62.261	ug/l		99
55) Dibromochloromethane	8.48	129	104564	10.347	ug/l		100
56) 1,2-Dibromoethane	8.59	107	80129	10.418	ug/l		99
58) Tetrachloroethene	8.23	164	120635	10.410	ug/l		98
59) Chlorobenzene	9.12	112	322601	10.489	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.21	131	118661	10.390	ug/l		98
61) Pentachloroethane	11.10	117	93894	10.772	ug/l		97
62) Hexachloroethane	12.15	117	93051	10.454	ug/l		100
63) Ethyl Benzene	9.25	91	557070	10.887	ug/l		98
64) m/p-Xylenes	9.38	106	440340	21.897	ug/l		98
65) o-Xylene	9.78	106	210369	10.977	ug/l		97
66) Styrene	9.80	104	349780	10.747	ug/l		99
67) Bromoform	9.96	173	60338	10.120	ug/l		98
69) Isopropylbenzene	10.17	105	578347	11.169	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.46	83	100049	10.018	ug/l		100
71) 1,2,3-Trichloropropane	10.50	75	79881m	10.263	ug/l		
72) Bromobenzene	10.45	156	144021	10.712	ug/l		95
73) n-propylbenzene	10.59	120	165977	11.375	ug/l		91
74) 2-Chlorotoluene	10.66	126	139442	10.856	ug/l		88
75) 1,3,5-Trimethylbenzene	10.78	105	505844	11.188	ug/l		99
76) 4-Chlorotoluene	10.78	126	148088	10.968	ug/l		95
77) tert-Butylbenzene	11.10	119	486259	10.909	ug/l		99
78) 1,2,4-Trimethylbenzene	11.15	105	519030	11.246	ug/l		99
79) sec-Butylbenzene	11.33	105	623665	10.644	ug/l		98
80) Nitrobenzene	12.87	77	4645	15.280	ug/l	#	81
81) p-Isopropyltoluene	11.48	119	565414	11.381	ug/l		98
82) 1,3-Dichlorobenzene	11.42	146	289972	10.486	ug/l		99
83) 1,4-Dichlorobenzene	11.51	146	292318	10.840	ug/l		99
84) n-Butylbenzene	11.89	91	536291	11.505	ug/l		99
85) 1,2-Dichlorobenzene	11.88	146	262888	10.411	ug/l		98
86) 1,2-Dibromo-3-Chloropropan	12.66	75	17716	10.752	ug/l		89
87) 1,2,4-Trichlorobenzene	13.51	180	209239	11.900	ug/l		100
88) Hexachlorobutadiene	13.70	225	117666	10.892	ug/l		99
89) Naphthalene	13.74	128	345016	12.089	ug/l		100
90) 1,2,3-Trichlorobenzene	13.99	180	187445	11.667	ug/l		99

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

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