Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU020519\
Data File : VU029340.D
Acq On : 05 Feb 2019 11:12
Operator : JC/SP
Sample : VSTDICC001
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 08 10:34:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:20:02 2019
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	5.74	96	54300	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.31	95	21746	1.03	ug/l		0.00
Spiked Amount 1.000			Recovery = 103.00%				
68) 1,2-Dichlorobenzene-d4	11.86	152	21143	0.97	ug/l		0.00
Spiked Amount 1.000			Recovery = 97.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.21	85	20256	1.000	ug/l		99
3) Chloromethane	1.33	50	20334	1.098	ug/l		99
4) Vinyl Chloride	1.40	62	22827	1.052	ug/l		98
5) Bromomethane	1.63	94	12224	1.012	ug/l		99
6) Chloroethane	1.70	64	12485	0.984	ug/l		97
7) Trichlorofluoromethane	1.88	101	31720	1.046	ug/l		93
8) 1,1,2-Trichloro-1,2,2-trif	2.29	101	16528	1.033	ug/l		89
9) 1,1-Dichloroethene	2.28	96	15928	1.017	ug/l		68
10) Iodomethane	2.41	142	20296	1.010	ug/l	#	82
11) Allyl Chloride	2.59	41	26420	1.006	ug/l		93
12) Acrylonitrile	2.94	53	7751	2.208	ug/l		98
13) Acetone	2.32	43	18424	5.471	ug/l		95
14) Carbon Disulfide	2.48	76	56698	1.025	ug/l		99
15) Methylene Chloride	2.70	84	19940	1.050	ug/l	#	79
16) trans-1,2-Dichloroethene	2.98	96	18233	1.042	ug/l		83
17) 1,1-Dichloroethane	3.44	63	30661	1.105	ug/l		96
18) 2-Butanone	4.28	43	18926	5.005	ug/l		100
19) Cyclohexane	4.99	56	28347m	1.158	ug/l		
20) Methylcyclohexane	6.41	83	28714	1.062	ug/l		87
21) 2,2-Dichloropropane	4.22	77	26872	1.046	ug/l		92
22) cis-1,2-Dichloroethene	4.22	96	17679	1.071	ug/l		81
23) Diethyl Ether	2.10	59	12726	1.012	ug/l		96
24) tert-Butyl Alcohol	2.83	59	12883	9.855	ug/l	#	85
25) Methyl tert-Butyl Ether	3.00	73	46468	1.054	ug/l	#	88
26) Bromochloromethane	4.55	128	7419	1.018	ug/l		77
27) Chloroform	4.67	83	28092	1.041	ug/l		96
28) 1,1,1-Trichloroethane	4.91	97	26171	1.046	ug/l		98
29) 1,1-Dichloropropene	5.13	75	22926	1.055	ug/l		92
30) Carbon Tetrachloride	5.13	117	23087	1.019	ug/l		97
31) Isopropyl Ether	3.58	45	43549	1.040	ug/l		94
32) Ethyl-t-butyl ether	4.07	59	43333	1.032	ug/l		89
33) Tert-Amyl methyl ether	5.58	73	39292	1.035	ug/l		99
34) Propionitrile	4.34	54	4041	4.237	ug/l	#	80
35) Benzene	5.39	78	62091	1.034	ug/l		95
36) 1,2-Dichloroethane	5.40	62	18463	1.016	ug/l		97
37) Trichloroethene	6.18	130	17796	1.032	ug/l		94
38) 1,2-Dichloropropane	6.43	63	16425	1.051	ug/l		99
39) Methacrylonitrile	4.56	41	4872	0.957	ug/l	#	79
40) Methyl acrylate	4.44	55	8073	1.051	ug/l	#	78
41) Tetrahydrofuran	4.66	42	5368m	2.018	ug/l		
42) 1-Chlorobutane	5.06	56	30179	1.037	ug/l		87

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ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VSTDICC001

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Quant Time: Feb 08 10:34:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U020519DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Feb 08 10:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.56	93	8203	0.985	ug/l		90
44) Bromodichloromethane	6.76	83	22113	1.042	ug/l		97
45) 4-Methyl-2-Pentanone	7.47	43	51001	5.225	ug/l	#	94
46) t-1,4-Dichloro-2-butene	10.52	75	9111m	1.923	ug/l		
47) Methyl methacrylate	6.63	69	14778	2.017	ug/l		79
48) Ethyl methacrylate	8.02	69	15347	0.976	ug/l		88
49) Toluene	7.64	92	38753	1.008	ug/l		99
50) t-1,3-Dichloropropene	7.88	75	21487	1.033	ug/l		95
51) cis-1,3-Dichloropropene	7.27	75	24899	1.008	ug/l		96
52) 1,1,2-Trichloroethane	8.07	97	10975	0.996	ug/l		95
53) 1,3-Dichloropropane	8.24	76	19616	1.013	ug/l		100
54) 2-Hexanone	8.37	43	34433	5.032	ug/l		92
55) Dibromochloromethane	8.48	129	16888	1.078	ug/l		96
56) 1,2-Dibromoethane	8.59	107	11821	1.045	ug/l		96
58) Tetrachloroethene	8.22	164	16328	1.018	ug/l		93
59) Chlorobenzene	9.12	112	43688	1.009	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.21	131	16552	1.035	ug/l		97
61) Pentachloroethane	11.10	117	12760	1.029	ug/l		97
62) Hexachloroethane	12.14	117	13304	0.983	ug/l		98
63) Ethyl Benzene	9.25	91	75752	1.007	ug/l		95
64) m/p-Xylenes	9.37	106	60018	2.054	ug/l		86
65) o-Xylene	9.78	106	28682	1.000	ug/l		94
66) Styrene	9.79	104	46588	0.974	ug/l		95
67) Bromoform	9.96	173	9827	1.008	ug/l		98
69) Isopropylbenzene	10.16	105	78071	1.019	ug/l		96
70) 1,1,2,2-Tetrachloroethane	10.46	83	14114	0.999	ug/l		97
71) 1,2,3-Trichloropropane	10.52	75	9111m	0.921	ug/l		
72) Bromobenzene	10.45	156	18148	0.977	ug/l		90
73) n-propylbenzene	10.59	120	21777	1.020	ug/l		79
74) 2-Chlorotoluene	10.66	126	18531	1.020	ug/l		80
75) 1,3,5-Trimethylbenzene	10.77	105	66435	1.006	ug/l		96
76) 4-Chlorotoluene	10.77	126	18962	1.005	ug/l		79
77) tert-Butylbenzene	11.10	119	65961	1.010	ug/l		95
78) 1,2,4-Trimethylbenzene	11.15	105	67119	1.003	ug/l		99
79) sec-Butylbenzene	11.32	105	86349	1.011	ug/l		98
80) Nitrobenzene	12.88	77	2138m	3.427	ug/l		
81) p-Isopropyltoluene	11.48	119	71949	0.993	ug/l		95
82) 1,3-Dichlorobenzene	11.42	146	35586	0.976	ug/l		97
83) 1,4-Dichlorobenzene	11.51	146	35223	0.970	ug/l		97
84) n-Butylbenzene	11.89	91	63784	0.960	ug/l		96
85) 1,2-Dichlorobenzene	11.88	146	34077	0.989	ug/l		97
86) 1,2-Dibromo-3-Chloropropan	12.66	75	2721	1.032	ug/l	#	75
87) 1,2,4-Trichlorobenzene	13.50	180	23221	0.959	ug/l		95
88) Hexachlorobutadiene	13.69	225	13354	0.953	ug/l		97
89) Naphthalene	13.75	128	38269	0.932	ug/l		98
90) 1,2,3-Trichlorobenzene	13.99	180	20809	0.941	ug/l		98

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

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