Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
Data File : VU035546.D
Acq On : 29 Oct 2019 18:54
Operator : JC/SP
Sample : VN1029WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VN1029WBSD01

Manual Integrations APPROVED

Quant Time: Oct 30 06:52:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.16	96	73109	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.66	95	25652	0.98	ug/l		0.00
Spiked Amount 1.000			Recovery = 98.00%				
68) 1,2-Dichlorobenzene-d4	12.22	152	28513	1.02	ug/l		0.00
Spiked Amount 1.000			Recovery = 102.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.40	85	52024	1.817	ug/l		100
3) Chloromethane	1.54	50	61346	1.748	ug/l		99
4) Vinyl Chloride	1.62	62	58729	1.889	ug/l		100
5) Bromomethane	1.88	94	28551	1.806	ug/l		100
6) Chloroethane	1.95	64	33553	1.877	ug/l		100
7) Trichlorofluoromethane	2.16	101	70728	1.841	ug/l		97
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	39272	1.886	ug/l		99
9) 1,1-Dichloroethene	2.61	96	37243	1.854	ug/l		90
10) Iodomethane	2.75	142	16924	1.902	ug/l		98
11) Allyl Chloride	2.96	41	62122	1.840	ug/l		100
12) Acrylonitrile	3.38	53	19139m	3.795	ug/l		
13) Acetone	2.68	43	39919	8.155	ug/l		97
14) Carbon Disulfide	2.82	76	128244	1.805	ug/l		100
15) Methylene Chloride	3.08	84	47408	1.835	ug/l		97
16) trans-1,2-Dichloroethene	3.39	96	41296	1.869	ug/l		99
17) 1,1-Dichloroethane	3.92	63	78934	1.907	ug/l		99
18) 2-Butanone	4.80	43	53199	8.385	ug/l		100
19) Cyclohexane	5.43	56	55349m	1.687	ug/l		
20) Methylcyclohexane	6.80	83	54832	1.630	ug/l		95
21) 2,2-Dichloropropane	4.71	77	61604	1.725	ug/l		100
22) cis-1,2-Dichloroethene	4.72	96	43029	1.820	ug/l		97
23) Diethyl Ether	2.41	59	30573	1.845	ug/l		99
24) tert-Butyl Alcohol	3.29	59	40775m	22.082	ug/l		
25) Methyl tert-Butyl Ether	3.43	73	102451	1.902	ug/l		99
26) Bromochloromethane	5.03	128	19372	1.835	ug/l		94
27) Chloroform	5.14	83	80640	1.824	ug/l		99
28) 1,1,1-Trichloroethane	5.36	97	64897	1.852	ug/l		99
29) 1,1-Dichloropropene	5.57	75	53316	1.815	ug/l		100
30) Carbon Tetrachloride	5.57	117	57659	1.850	ug/l		95
31) Isopropyl Ether	4.07	45	104671	1.811	ug/l		97
32) Ethyl-t-butyl ether	4.57	59	94480	1.765	ug/l		99
33) Tert-Amyl methyl ether	6.01	73	82467	1.792	ug/l		99
34) Propionitrile	4.87	54	17968	9.778	ug/l	#	92
35) Benzene	5.82	78	167149	1.864	ug/l		99
36) 1,2-Dichloroethane	5.84	62	48420	1.885	ug/l		99
37) Trichloroethene	6.58	130	45069	1.810	ug/l		95
38) 1,2-Dichloropropane	6.84	63	45109	1.835	ug/l		98
39) Methacrylonitrile	5.05	41	13701	1.986	ug/l		92
40) Methyl acrylate	4.92	55	20331	1.935	ug/l	#	93
41) Tetrahydrofuran	5.15	42	13718	3.867	ug/l	#	38
42) 1-Chlorobutane	5.50	56	70757	1.750	ug/l		96

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ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VN1029WBSD01

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:38:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.96	93	23506	1.914	ug/l		96
44) Bromodichloromethane	7.15	83	57450	1.877	ug/l		98
45) 4-Methyl-2-Pentanone	7.85	43	120330	9.188	ug/l		97
46) t-1,4-Dichloro-2-butene	10.87	75	14234m	2.991	ug/l		
47) Methyl methacrylate	7.02	69	36837	3.622	ug/l		96
48) Ethyl methacrylate	8.38	69	30887	1.738	ug/l		98
49) Toluene	8.01	92	94667	1.836	ug/l		98
50) t-1,3-Dichloropropene	8.25	75	49507	1.827	ug/l		99
51) cis-1,3-Dichloropropene	7.65	75	57438	1.787	ug/l		98
52) 1,1,2-Trichloroethane	8.44	97	32861	1.909	ug/l		98
53) 1,3-Dichloropropane	8.61	76	53948	1.849	ug/l		99
54) 2-Hexanone	8.74	43	77934	8.374	ug/l		94
55) Dibromochloromethane	8.84	129	39593	1.884	ug/l		98
56) 1,2-Dibromoethane	8.96	107	29487	1.873	ug/l		99
58) Tetrachloroethene	8.58	164	42764	1.873	ug/l		94
59) Chlorobenzene	9.48	112	106804	1.796	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.57	131	41467	1.814	ug/l		97
61) Pentachloroethane	11.46	117	35014	1.880	ug/l		99
62) Hexachloroethane	12.50	117	30892	1.815	ug/l		100
63) Ethyl Benzene	9.60	91	156434	1.694	ug/l		100
64) m/p-Xylenes	9.72	106	125412	3.440	ug/l	#	2
65) o-Xylene	10.13	106	60874	1.728	ug/l		99
66) Styrene	10.14	104	102119	1.751	ug/l		99
67) Bromoform	10.32	173	24135	1.851	ug/l		98
69) Isopropylbenzene	10.51	105	159221	1.734	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.81	83	43332	1.888	ug/l	#	63
71) 1,2,3-Trichloropropane	10.86	75	35832m	2.079	ug/l		
72) Bromobenzene	10.81	156	46610	1.821	ug/l		98
73) n-propylbenzene	10.93	120	44048	1.717	ug/l		98
74) 2-Chlorotoluene	11.01	126	43425	1.806	ug/l		98
75) 1,3,5-Trimethylbenzene	11.11	105	134784	1.781	ug/l		99
76) 4-Chlorotoluene	11.12	126	44395	1.818	ug/l		95
77) tert-Butylbenzene	11.45	119	138728	1.787	ug/l		100
78) 1,2,4-Trimethylbenzene	11.49	105	136866	1.787	ug/l		98
79) sec-Butylbenzene	11.67	105	176156	1.774	ug/l		99
80) Nitrobenzene	13.24	77	2626	3.415	ug/l	#	89
81) p-Isopropyltoluene	11.82	119	139591	1.757	ug/l	#	69
82) 1,3-Dichlorobenzene	11.77	146	93749	1.923	ug/l		100
83) 1,4-Dichlorobenzene	11.86	146	90298	1.932	ug/l		100
84) n-Butylbenzene	12.23	91	121031	1.856	ug/l		97
85) 1,2-Dichlorobenzene	12.24	146	88174	1.921	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	5655	1.935	ug/l		95
87) 1,2,4-Trichlorobenzene	13.87	180	27863	1.834	ug/l		98
88) Hexachlorobutadiene	14.04	225	33962	1.987	ug/l		99
89) Naphthalene	14.11	128	32851	1.759	ug/l		99
90) 1,2,3-Trichlorobenzene	14.35	180	29348	1.828	ug/l		98

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

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