Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
Data File : VU035544.D
Acq On : 29 Oct 2019 17:59
Operator : JC/SP
Sample : K5111-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
LOQ-WATER-02-QT4-2019

Manual Integrations APPROVED

Quant Time: Oct 30 07:13:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 07:04:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Fluorobenzene	6.16	96	62647	1.00	ug/l		0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.67	95	17953	0.80	ug/l		0.00
Spiked Amount 1.000			Recovery = 80.00%				
68) 1,2-Dichlorobenzene-d4	12.23	152	19282	0.80	ug/l		0.00
Spiked Amount 1.000			Recovery = 80.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.40	85	13425	0.547	ug/l		95
3) Chloromethane	1.54	50	17979	0.598	ug/l		99
4) Vinyl Chloride	1.63	62	14784	0.555	ug/l		94
5) Bromomethane	1.88	94	7371	0.544	ug/l		95
6) Chloroethane	1.96	64	9271	0.605	ug/l		94
7) Trichlorofluoromethane	2.16	101	18341	0.557	ug/l		93
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	9728	0.545	ug/l		98
9) 1,1-Dichloroethene	2.61	96	9796	0.569	ug/l		100
10) Iodomethane	2.75	142	2548	0.303	ug/l		97
11) Allyl Chloride	2.96	41	15946	0.551	ug/l		100
12) Acrylonitrile	3.37	53	5333	1.234	ug/l		96
13) Acetone	2.67	43	11014	2.626	ug/l		93
14) Carbon Disulfide	2.83	76	34666	0.569	ug/l		98
15) Methylene Chloride	3.09	84	15718	0.710	ug/l		97
16) trans-1,2-Dichloroethene	3.39	96	10748	0.568	ug/l		97
17) 1,1-Dichloroethane	3.92	63	20452	0.577	ug/l		99
18) 2-Butanone	4.79	43	11602	2.134	ug/l		88
19) Cyclohexane	5.43	56	12715m	0.452	ug/l		
20) Methylcyclohexane	6.80	83	12612	0.437	ug/l		91
21) 2,2-Dichloropropane	4.72	77	16389	0.535	ug/l		100
22) cis-1,2-Dichloroethene	4.72	96	11000	0.543	ug/l		96
23) Diethyl Ether	2.41	59	8232	0.580	ug/l		97
24) tert-Butyl Alcohol	3.26	59	12201	7.711	ug/l	#	79
25) Methyl tert-Butyl Ether	3.43	73	26148	0.566	ug/l	#	89
26) Bromochloromethane	5.04	128	4782	0.529	ug/l		95
27) Chloroform	5.14	83	23613	0.623	ug/l		94
28) 1,1,1-Trichloroethane	5.36	97	17211	0.573	ug/l		95
29) 1,1-Dichloropropene	5.57	75	12518	0.497	ug/l		99
30) Carbon Tetrachloride	5.57	117	14825	0.555	ug/l		98
31) Isopropyl Ether	4.07	45	25443	0.514	ug/l		91
32) Ethyl-t-butyl ether	4.58	59	22305	0.486	ug/l		99
33) Tert-Amyl methyl ether	6.01	73	18057	0.458	ug/l		96
34) Propionitrile	4.86	54	3971	2.522	ug/l	#	79
35) Benzene	5.82	78	40776	0.531	ug/l		98
36) 1,2-Dichloroethane	5.85	62	11521	0.523	ug/l		100
37) Trichloroethene	6.59	130	11179	0.524	ug/l		98
38) 1,2-Dichloropropane	6.84	63	11296	0.536	ug/l		90
39) Methacrylonitrile	5.04	41	2350	0.397	ug/l	#	87
40) Methyl acrylate	4.92	55	3689	0.410	ug/l	#	78
41) Tetrahydrofuran	5.15	42	3216	1.058	ug/l	#	31
42) 1-Chlorobutane	5.50	56	17073	0.493	ug/l		98

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ALS Vial : 15 Sample Multiplier: 1

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ClientSampleId :
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Quant Time: Oct 30 07:13:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 07:04:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
43) Dibromomethane	6.96	93	5357	0.509 ug/l		95
44) Bromodichloromethane	7.15	83	14721	0.561 ug/l		99
45) 4-Methyl-2-Pentanone	7.86	43	26763	2.385 ug/l	#	89
46) t-1,4-Dichloro-2-butene	10.88	75	4229m	1.037 ug/l		
47) Methyl methacrylate	7.02	69	7044	0.808 ug/l	#	79
48) Ethyl methacrylate	8.38	69	5373m	0.353 ug/l		
49) Toluene	8.01	92	20915	0.473 ug/l		100
50) t-1,3-Dichloropropene	8.26	75	10657	0.459 ug/l		94
51) cis-1,3-Dichloropropene	7.65	75	12887	0.468 ug/l		96
52) 1,1,2-Trichloroethane	8.44	97	7772	0.527 ug/l		98
53) 1,3-Dichloropropane	8.62	76	11444	0.458 ug/l		94
54) 2-Hexanone	8.77	43	15922	1.997 ug/l		77
55) Dibromochloromethane	8.84	129	9760	0.542 ug/l		99
56) 1,2-Dibromoethane	8.97	107	7228	0.536 ug/l		92
58) Tetrachloroethene	8.59	164	10473	0.535 ug/l		95
59) Chlorobenzene	9.48	112	24091	0.473 ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.57	131	10925	0.558 ug/l		99
61) Pentachloroethane	11.46	117	9513	0.596 ug/l		89
62) Hexachloroethane	12.50	117	7375	0.506 ug/l		100
63) Ethyl Benzene	9.61	91	32704	0.413 ug/l		93
64) m/p-Xylenes	9.73	106	21335	0.683 ug/l	#	1
65) o-Xylene	10.14	106	12460	0.413 ug/l		88
66) Styrene	10.16	104	18431	0.369 ug/l		97
67) Bromoform	10.33	173	5173	0.463 ug/l	#	92
69) Isopropylbenzene	10.52	105	31883	0.405 ug/l		97
70) 1,1,2,2-Tetrachloroethane	10.82	83	9570	0.487 ug/l	#	56
71) 1,2,3-Trichloropropane	10.86	75	7477m	0.506 ug/l		
72) Bromobenzene	10.82	156	10070	0.459 ug/l		78
73) n-propylbenzene	10.94	120	7819	0.356 ug/l		88
74) 2-Chlorotoluene	11.02	126	8146	0.395 ug/l		87
75) 1,3,5-Trimethylbenzene	11.12	105	21324	0.329 ug/l		100
76) 4-Chlorotoluene	11.14	126	6978	0.333 ug/l		86
77) tert-Butylbenzene	11.45	119	25066	0.377 ug/l		99
78) 1,2,4-Trimethylbenzene	11.50	105	20735	0.316 ug/l		100
79) sec-Butylbenzene	11.67	105	26532	0.312 ug/l		99
80) Nitrobenzene	13.24	77	894	1.357 ug/l	#	72
81) p-Isopropyltoluene	11.83	119	19782	0.291 ug/l	#	69
82) 1,3-Dichlorobenzene	11.78	146	16470	0.394 ug/l		98
83) 1,4-Dichlorobenzene	11.87	146	14720	0.368 ug/l		98
84) n-Butylbenzene	12.24	91	13114	0.235 ug/l		99
85) 1,2-Dichlorobenzene	12.25	146	15506	0.394 ug/l		96
86) 1,2-Dibromo-3-Chloropropan	13.03	75	1034	0.413 ug/l		94
87) 1,2,4-Trichlorobenzene	13.87	180	4493	0.318 ug/l		92
88) Hexachlorobutadiene	14.04	225	5507	0.376 ug/l		94
89) Naphthalene	14.11	128	5841	0.303 ug/l		97
90) 1,2,3-Trichlorobenzene	14.36	180	4665	0.323 ug/l		98

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

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QLast Update : Wed Oct 30 07:04:11 2019
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Instrument :
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