Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102919\
Data File : VU035538.D
Acq On : 29 Oct 2019 12:56
Operator : JC/SP
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 30 05:30:16 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102919DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:08:49 2019
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED

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10/30/2019 10:38:47 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.16	96	77479	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.66	95	28618	0.96	ug/l	0.00
Spiked Amount 1.000			Recovery = 96.00%			
68) 1,2-Dichlorobenzene-d4	12.22	152	30140	0.94	ug/l	0.00
Spiked Amount 1.000			Recovery = 94.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.40	85	137885	4.839	ug/l	99
3) Chloromethane	1.54	50	173299	5.449	ug/l	99
4) Vinyl Chloride	1.62	62	151745	4.911	ug/l	98
5) Bromomethane	1.88	94	71350	4.043	ug/l	95
6) Chloroethane	1.95	64	89025	4.985	ug/l	99
7) Trichlorofluoromethane	2.16	101	186396	4.910	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	100398	4.897	ug/l	99
9) 1,1-Dichloroethene	2.61	96	96352	4.689	ug/l	99
10) Iodomethane	2.75	142	53019	2.976	ug/l	96
11) Allyl Chloride	2.96	41	161776	4.774	ug/l	100
12) Acrylonitrile	3.37	53	45810	10.341	ug/l	92
13) Acetone	2.67	43	117368	31.416	ug/l	99
14) Carbon Disulfide	2.82	76	343701	4.762	ug/l	99
15) Methylene Chloride	3.08	84	117782	4.863	ug/l	98
16) trans-1,2-Dichloroethene	3.39	96	107610	4.689	ug/l	99
17) 1,1-Dichloroethane	3.92	63	203032	4.655	ug/l	100
18) 2-Butanone	4.79	43	151495	28.754	ug/l	99
19) Cyclohexane	5.43	56	162113m	4.831	ug/l	
20) Methylcyclohexane	6.80	83	167250	4.720	ug/l	98
21) 2,2-Dichloropropane	4.72	77	172020	4.778	ug/l	98
22) cis-1,2-Dichloroethene	4.72	96	117339	4.718	ug/l	100
23) Diethyl Ether	2.41	59	82198	5.253	ug/l	97
24) tert-Butyl Alcohol	3.26	59	90411	42.021	ug/l	99
25) Methyl tert-Butyl Ether	3.43	73	262438	5.240	ug/l	99
26) Bromochloromethane	5.02	128	51899	4.918	ug/l	99
27) Chloroform	5.14	83	207367	4.551	ug/l	99
28) 1,1,1-Trichloroethane	5.36	97	172104	4.825	ug/l	99
29) 1,1-Dichloropropene	5.57	75	148978	4.850	ug/l	98
30) Carbon Tetrachloride	5.57	117	154747	4.843	ug/l	100
31) Isopropyl Ether	4.07	45	281433	4.498	ug/l	96
32) Ethyl-t-butyl ether	4.57	59	265814	4.899	ug/l	98
33) Tert-Amyl methyl ether	6.00	73	234986	5.149	ug/l	99
34) Propionitrile	4.85	54	45334	30.080	ug/l #	96
35) Benzene	5.82	78	445261	4.827	ug/l	100
36) 1,2-Dichloroethane	5.84	62	126499	5.269	ug/l	99
37) Trichloroethene	6.58	130	119842	4.652	ug/l	98
38) 1,2-Dichloropropane	6.84	63	121156	4.935	ug/l	96
39) Methacrylonitrile	5.04	41	33704	5.411	ug/l	97
40) Methyl acrylate	4.91	55	51987	5.469	ug/l	97
41) Tetrahydrofuran	5.14	42	34109	10.710	ug/l #	36
42) 1-Chlorobutane	5.50	56	203664	4.885	ug/l	98

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ALS Vial : 6 Sample Multiplier: 1

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Oct 30 05:08:49 2019
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Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.96	93	59474	5.060	ug/l		94
44) Bromodichloromethane	7.15	83	151179	5.065	ug/l		99
45) 4-Methyl-2-Pentanone	7.84	43	329333	27.448	ug/l		99
46) t-1,4-Dichloro-2-butene	10.87	75	42432m	8.496	ug/l		
47) Methyl methacrylate	7.01	69	102762	10.952	ug/l		99
48) Ethyl methacrylate	8.38	69	90577	5.348	ug/l		94
49) Toluene	8.01	92	263030	4.893	ug/l		99
50) t-1,3-Dichloropropene	8.25	75	136926	5.460	ug/l		99
51) cis-1,3-Dichloropropene	7.65	75	158602	5.109	ug/l		100
52) 1,1,2-Trichloroethane	8.44	97	83252	5.112	ug/l		98
53) 1,3-Dichloropropane	8.61	76	146439	5.362	ug/l		98
54) 2-Hexanone	8.73	43	243949	30.148	ug/l		96
55) Dibromochloromethane	8.84	129	103569	5.228	ug/l		100
56) 1,2-Dibromoethane	8.96	107	77362	5.142	ug/l		97
58) Tetrachloroethene	8.58	164	112423	4.612	ug/l		98
59) Chlorobenzene	9.48	112	291955	4.839	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.57	131	113518	5.063	ug/l		98
61) Pentachloroethane	11.46	117	91786	5.035	ug/l		97
62) Hexachloroethane	12.50	117	82653	5.080	ug/l		99
63) Ethyl Benzene	9.60	91	478569	4.973	ug/l		100
64) m/p-Xylenes	9.73	106	394394	10.154	ug/l	#	1
65) o-Xylene	10.13	106	183440	4.955	ug/l		99
66) Styrene	10.14	104	314348	5.065	ug/l		99
67) Bromoform	10.32	173	65747	5.569	ug/l		100
69) Isopropylbenzene	10.51	105	479029	4.954	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.81	83	112818	5.356	ug/l	#	64
71) 1,2,3-Trichloropropane	10.85	75	85459m	5.817	ug/l		
72) Bromobenzene	10.81	156	130753	4.959	ug/l		99
73) n-propylbenzene	10.93	120	138970	4.984	ug/l		96
74) 2-Chlorotoluene	11.01	126	126718	5.027	ug/l		100
75) 1,3,5-Trimethylbenzene	11.11	105	407065	4.748	ug/l		100
76) 4-Chlorotoluene	11.13	126	129778	5.047	ug/l		97
77) tert-Butylbenzene	11.45	119	402359	4.804	ug/l		100
78) 1,2,4-Trimethylbenzene	11.49	105	412182	4.760	ug/l		100
79) sec-Butylbenzene	11.67	105	527198	4.697	ug/l		100
80) Nitrobenzene	13.24	77	8129	18.873	ug/l		97
81) p-Isopropyltoluene	11.82	119	422903	4.550	ug/l	#	68
82) 1,3-Dichlorobenzene	11.77	146	246513	4.547	ug/l		99
83) 1,4-Dichlorobenzene	11.86	146	241386	4.485	ug/l		99
84) n-Butylbenzene	12.23	91	332839	3.930	ug/l		100
85) 1,2-Dichlorobenzene	12.24	146	232926	4.711	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	14857	5.353	ug/l		98
87) 1,2,4-Trichlorobenzene	13.87	180	87632	3.253	ug/l		96
88) Hexachlorobutadiene	14.04	225	78576	3.735	ug/l		98
89) Naphthalene	14.11	128	114389	3.249	ug/l		99
90) 1,2,3-Trichlorobenzene	14.36	180	89807	3.582	ug/l		99

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

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