Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072219\
Data File : VU033365.D
Acq On : 22 Jul 2019 21:26
Operator : JC/SP
Sample : VSTDICC015
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC015

Manual Integrations APPROVED

Quant Time: Jul 23 02:26:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	33333	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	13497	1.13	ug/l	0.00
Spiked Amount 1.000			Recovery = 113.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	14609	1.30	ug/l	0.00
Spiked Amount 1.000			Recovery = 130.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	198979	13.379	ug/l	100
3) Chloromethane	1.32	50	217275	12.370	ug/l	99
4) Vinyl Chloride	1.39	62	242772	14.203	ug/l	99
5) Bromomethane	1.62	94	150858	17.391	ug/l	100
6) Chloroethane	1.69	64	193010	19.225	ug/l	98
7) Trichlorofluoromethane	1.87	101	336480	16.740	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	169817	17.061	ug/l	98
9) 1,1-Dichloroethene	2.27	96	168764	17.053	ug/l	98
10) Iodomethane	2.40	142	244921	21.643	ug/l	99
11) Allyl Chloride	2.57	41	280627	13.571	ug/l	99
12) Acrylonitrile	2.93	53	93352m	31.566	ug/l	
13) Acetone	2.33	43	182985	68.735	ug/l	100
14) Carbon Disulfide	2.46	76	633643	16.737	ug/l	100
15) Methylene Chloride	2.68	84	203099	16.161	ug/l	99
16) trans-1,2-Dichloroethene	2.96	96	197335	17.740	ug/l	98
17) 1,1-Dichloroethane	3.42	63	268248	12.372	ug/l	100
18) 2-Butanone	4.27	43	210768	63.584	ug/l	98
19) Cyclohexane	4.96	56	229000m	13.872	ug/l	
20) Methylcyclohexane	6.39	83	246902	18.045	ug/l	98
21) 2,2-Dichloropropane	4.20	77	215440	13.403	ug/l	100
22) cis-1,2-Dichloroethene	4.20	96	159788	14.147	ug/l	99
23) Diethyl Ether	2.09	59	149154	15.991	ug/l	98
24) tert-Butyl Alcohol	2.87	59	181828	179.416	ug/l	100
25) Methyl tert-Butyl Ether	2.98	73	500181	17.410	ug/l	100
26) Bromochloromethane	4.52	128	69029	14.389	ug/l	97
27) Chloroform	4.65	83	285077	13.924	ug/l	99
28) 1,1,1-Trichloroethane	4.89	97	243570	14.071	ug/l	100
29) 1,1-Dichloropropene	5.11	75	213426	15.354	ug/l	99
30) Carbon Tetrachloride	5.11	117	217658	14.688	ug/l	99
31) Isopropyl Ether	3.56	45	367316	11.584	ug/l	98
32) Ethyl-t-butyl ether	4.05	59	371123	14.142	ug/l	100
33) Tert-Amyl methyl ether	5.56	73	357465	16.775	ug/l	100
34) Propionitrile	4.33	54	62758	69.476	ug/l #	97
35) Benzene	5.36	78	605499	14.267	ug/l	99
36) 1,2-Dichloroethane	5.38	62	194700	13.979	ug/l	99
37) Trichloroethene	6.16	130	160029	15.173	ug/l	97
38) 1,2-Dichloropropane	6.41	63	165813	13.864	ug/l	98
39) Methacrylonitrile	4.53	41	47524	12.857	ug/l	97
40) Methyl acrylate	4.41	55	83467	17.020	ug/l	98
41) Tetrahydrofuran	4.64	42	50718	24.848	ug/l	96
42) 1-Chlorobutane	5.04	56	287486	13.844	ug/l	99

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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC015

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Quant Time: Jul 23 02:26:48 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Tue Jul 23 01:45:04 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.54	93	89401	14.875	ug/l	97
44) Bromodichloromethane	6.74	83	213008	14.386	ug/l	99
45) 4-Methyl-2-Pentanone	7.45	43	523915	74.988	ug/l	99
46) t-1,4-Dichloro-2-butene	10.50	75	88417m	39.072	ug/l	
47) Methyl methacrylate	6.61	69	160563	34.956	ug/l	99
48) Ethyl methacrylate	8.00	69	149939	18.752	ug/l	100
49) Toluene	7.62	92	383464	17.129	ug/l	99
50) t-1,3-Dichloropropene	7.86	75	201512	17.178	ug/l	99
51) cis-1,3-Dichloropropene	7.25	75	231316	16.323	ug/l	99
52) 1,1,2-Trichloroethane	8.05	97	122917	15.590	ug/l	97
53) 1,3-Dichloropropane	8.22	76	211725	15.503	ug/l	100
54) 2-Hexanone	8.35	43	375826	79.402	ug/l	99
55) Dibromochloromethane	8.46	129	147832	16.573	ug/l	100
56) 1,2-Dibromoethane	8.57	107	115460	16.329	ug/l	99
58) Tetrachloroethene	8.21	164	150086	14.842	ug/l	97
59) Chlorobenzene	9.10	112	421771	17.685	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.19	131	150868	16.326	ug/l	99
61) Pentachloroethane	11.09	117	119032	17.622	ug/l	100
62) Hexachloroethane	12.13	117	122092	18.500	ug/l	98
63) Ethyl Benzene	9.23	91	743786	19.161	ug/l	99
64) m/p-Xylenes	9.36	106	591663	40.376	ug/l	99
65) o-Xylene	9.76	106	279699	19.589	ug/l	99
66) Styrene	9.77	104	489862	20.641	ug/l	100
67) Bromoform	9.94	173	83323	16.721	ug/l	99
69) Isopropylbenzene	10.15	105	730600	19.637	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.44	83	161591	15.869	ug/l	100
71) 1,2,3-Trichloropropane	10.48	75	120231m	16.174	ug/l	
72) Bromobenzene	10.44	156	176389	18.573	ug/l	99
73) n-propylbenzene	10.57	120	211020	21.580	ug/l	99
74) 2-Chlorotoluene	10.64	126	182462	19.665	ug/l	97
75) 1,3,5-Trimethylbenzene	10.76	105	662827	20.715	ug/l	99
76) 4-Chlorotoluene	10.76	126	191937	21.036	ug/l	100
77) tert-Butylbenzene	11.08	119	613470	20.400	ug/l	99
78) 1,2,4-Trimethylbenzene	11.13	105	682798	21.050	ug/l	100
79) sec-Butylbenzene	11.31	105	848459	20.669	ug/l	100
80) Nitrobenzene	12.85	77	29060	114.719	ug/l	98
81) p-Isopropyltoluene	11.46	119	707593	21.802	ug/l	100
82) 1,3-Dichlorobenzene	11.40	146	368981	19.411	ug/l	99
83) 1,4-Dichlorobenzene	11.49	146	372463	20.314	ug/l	99
84) n-Butylbenzene	11.87	91	705385	22.455	ug/l	99
85) 1,2-Dichlorobenzene	11.86	146	346389	19.121	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	26832	18.100	ug/l	97
87) 1,2,4-Trichlorobenzene	13.49	180	236199	25.142	ug/l	99
88) Hexachlorobutadiene	13.68	225	124929	18.929	ug/l	99
89) Naphthalene	13.73	128	465090	28.225	ug/l	100
90) 1,2,3-Trichlorobenzene	13.97	180	224332	23.471	ug/l	98

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

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