Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072419\
Data File : VU033392.D
Acq On : 24 Jul 2019 18:41
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED

Quant Time: Jul 25 12:11:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 24 03:53:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	29980	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	12958	1.10	ug/l	0.00
Spiked Amount 1.000			Recovery = 110.00%			
68) 1,2-Dichlorobenzene-d4	11.85	152	12802	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	129534	10.447	ug/l	98
3) Chloromethane	1.32	50	125200	9.149	ug/l	96
4) Vinyl Chloride	1.40	62	144998	9.495	ug/l	98
5) Bromomethane	1.62	94	99507	10.351	ug/l	99
6) Chloroethane	1.69	64	93989	8.764	ug/l	99
7) Trichlorofluoromethane	1.87	101	207705	9.906	ug/l	99
8) 1,1,2-Trichloro-1,2,2-trif	2.27	101	109506	10.124	ug/l	99
9) 1,1-Dichloroethene	2.27	96	106113	9.961	ug/l	99
10) Iodomethane	2.40	142	122331	8.545	ug/l	99
11) Allyl Chloride	2.58	41	169363	9.634	ug/l	100
12) Acrylonitrile	2.92	53	51886	17.448	ug/l	99
13) Acetone	2.31	43	111784	44.060	ug/l	99
14) Carbon Disulfide	2.46	76	389361	9.619	ug/l	99
15) Methylene Chloride	2.68	84	130786	9.103	ug/l	97
16) trans-1,2-Dichloroethene	2.96	96	120720	9.543	ug/l	96
17) 1,1-Dichloroethane	3.42	63	174115	10.255	ug/l	99
18) 2-Butanone	4.25	43	122188	50.458	ug/l	100
19) Cyclohexane	4.97	56	133319m	10.700	ug/l	
20) Methylcyclohexane	6.40	83	141057	11.245	ug/l	98
21) 2,2-Dichloropropane	4.20	77	147948	10.284	ug/l	99
22) cis-1,2-Dichloroethene	4.20	96	100008	10.431	ug/l	99
23) Diethyl Ether	2.09	59	85180	9.276	ug/l	98
24) tert-Butyl Alcohol	2.82	59	93016	81.832	ug/l	99
25) Methyl tert-Butyl Ether	2.98	73	288331	9.400	ug/l	98
26) Bromochloromethane	4.52	128	43188	10.244	ug/l	96
27) Chloroform	4.65	83	182353	9.398	ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	156110	10.391	ug/l	100
29) 1,1-Dichloropropene	5.11	75	132014	10.654	ug/l	98
30) Carbon Tetrachloride	5.11	117	137071	10.367	ug/l	99
31) Isopropyl Ether	3.56	45	220543	10.277	ug/l	98
32) Ethyl-t-butyl ether	4.05	59	208449	10.104	ug/l	99
33) Tert-Amyl methyl ether	5.56	73	195594	10.543	ug/l	98
34) Propionitrile	4.31	54	36202	52.114	ug/l #	96
35) Benzene	5.36	78	380398	10.625	ug/l	100
36) 1,2-Dichloroethane	5.38	62	121936	10.234	ug/l	99
37) Trichloroethene	6.16	130	97081	10.274	ug/l	95
38) 1,2-Dichloropropane	6.41	63	102355	10.362	ug/l	100
39) Methacrylonitrile	4.52	41	27428	9.947	ug/l	97
40) Methyl acrylate	4.40	55	42253	9.849	ug/l #	96
41) Tetrahydrofuran	4.63	42	27546	19.922	ug/l	99
42) 1-Chlorobutane	5.04	56	182058	10.958	ug/l	99

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ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED

Quant Time: Jul 25 12:11:45 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072219DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 24 03:53:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) Dibromomethane	6.54	93	55946	10.231	ug/l		99
44) Bromodichloromethane	6.74	83	135063	10.244	ug/l		99
45) 4-Methyl-2-Pentanone	7.45	43	287994	51.637	ug/l		99
46) t-1,4-Dichloro-2-butene	10.50	75	44000m	19.548	ug/l		
47) Methyl methacrylate	6.61	69	88983	21.349	ug/l		98
48) Ethyl methacrylate	8.00	69	78298	10.658	ug/l		99
49) Toluene	7.62	92	240300	11.717	ug/l		100
50) t-1,3-Dichloropropene	7.86	75	117327	10.668	ug/l		100
51) cis-1,3-Dichloropropene	7.25	75	134370	10.348	ug/l		100
52) 1,1,2-Trichloroethane	8.05	97	75542	10.336	ug/l		98
53) 1,3-Dichloropropane	8.22	76	129762	10.507	ug/l		100
54) 2-Hexanone	8.35	43	202053	51.465	ug/l		99
55) Dibromochloromethane	8.46	129	91029	10.663	ug/l		98
56) 1,2-Dibromoethane	8.57	107	69304	10.173	ug/l		98
58) Tetrachloroethene	8.21	164	93665	10.931	ug/l		98
59) Chlorobenzene	9.10	112	261104	11.105	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.19	131	95624	10.709	ug/l		99
61) Pentachloroethane	11.09	117	81628	11.139	ug/l		100
62) Hexachloroethane	12.13	117	78958	11.136	ug/l		98
63) Ethyl Benzene	9.23	91	452773	11.992	ug/l		99
64) m/p-Xylenes	9.36	106	377683	25.020	ug/l		97
65) o-Xylene	9.76	106	171289	11.842	ug/l		100
66) Styrene	9.77	104	307907	12.548	ug/l		99
67) Bromoform	9.94	173	52042	11.264	ug/l		99
69) Isopropylbenzene	10.15	105	448954	12.104	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.44	83	100029	10.327	ug/l		99
71) 1,2,3-Trichloropropane	10.48	75	76918m	10.286	ug/l		
72) Bromobenzene	10.44	156	111482	11.378	ug/l		99
73) n-propylbenzene	10.57	120	133762	12.652	ug/l		99
74) 2-Chlorotoluene	10.64	126	118891	12.318	ug/l		99
75) 1,3,5-Trimethylbenzene	10.76	105	427085	12.825	ug/l		100
76) 4-Chlorotoluene	10.76	126	126195	12.548	ug/l		97
77) tert-Butylbenzene	11.09	119	378052	11.979	ug/l		100
78) 1,2,4-Trimethylbenzene	11.13	105	437654	12.858	ug/l		100
79) sec-Butylbenzene	11.31	105	534437	12.303	ug/l		100
80) Nitrobenzene	12.85	77	14432	35.847	ug/l	#	95
81) p-Isopropyltoluene	11.46	119	449220	12.720	ug/l		99
82) 1,3-Dichlorobenzene	11.40	146	235483	11.307	ug/l		99
83) 1,4-Dichlorobenzene	11.49	146	240827	11.689	ug/l		99
84) n-Butylbenzene	11.87	91	448038	12.397	ug/l		100
85) 1,2-Dichlorobenzene	11.86	146	217830	11.156	ug/l		99
86) 1,2-Dibromo-3-Chloropropan	12.64	75	15713	10.313	ug/l		98
87) 1,2,4-Trichlorobenzene	13.49	180	132301	11.388	ug/l		99
88) Hexachlorobutadiene	13.68	225	82701	11.542	ug/l		96
89) Naphthalene	13.73	128	235301	8.991	ug/l		99
90) 1,2,3-Trichlorobenzene	13.97	180	130025	11.532	ug/l		99

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

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