Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091119\
Data File : VU034478.D
Acq On : 11 Sep 2019 15:43
Operator : JC/SP
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
9/12/2019 4:53:53 PM

Quant Time: Sep 12 04:25:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:53:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	5.72	96	69261	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.29	95	26481	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
68) 1,2-Dichlorobenzene-d4	11.84	152	27393	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	229115	9.038	ug/l	100
3) Chloromethane	1.33	50	247269	8.864	ug/l	98
4) Vinyl Chloride	1.40	62	252570	9.215	ug/l	99
5) Bromomethane	1.62	94	133353	8.349	ug/l	96
6) Chloroethane	1.69	64	145655	9.170	ug/l	100
7) Trichlorofluoromethane	1.88	101	311762	9.247	ug/l	98
8) 1,1,2-Trichloro-1,2,2-trif	2.28	101	169055	9.243	ug/l	100
9) 1,1-Dichloroethene	2.28	96	166332	9.025	ug/l	98
10) Iodomethane	2.40	142	176634	8.483	ug/l	99
11) Allyl Chloride	2.58	41	279880	9.241	ug/l	99
12) Acrylonitrile	2.92	53	71314	18.571	ug/l	100
13) Acetone	2.31	43	144038	45.032	ug/l	97
14) Carbon Disulfide	2.47	76	587081	9.071	ug/l	100
15) Methylene Chloride	2.68	84	190700	8.901	ug/l	98
16) trans-1,2-Dichloroethene	2.96	96	187917	9.112	ug/l	99
17) 1,1-Dichloroethane	3.42	63	365986	9.307	ug/l	99
18) 2-Butanone	4.25	43	236514	51.197	ug/l	97
19) Cyclohexane	4.97	56	313953m	10.186	ug/l	
20) Methylcyclohexane	6.39	83	325286	10.122	ug/l	99
21) 2,2-Dichloropropane	4.20	77	296118	9.135	ug/l	100
22) cis-1,2-Dichloroethene	4.20	96	217562	9.733	ug/l	98
23) Diethyl Ether	2.10	59	130319	9.441	ug/l	98
24) tert-Butyl Alcohol	2.82	59	125795	88.930	ug/l	99
25) Methyl tert-Butyl Ether	2.99	73	425229	9.626	ug/l	99
26) Bromochloromethane	4.52	128	87869	9.294	ug/l	99
27) Chloroform	4.65	83	354576	8.673	ug/l	100
28) 1,1,1-Trichloroethane	4.89	97	299858	9.352	ug/l	100
29) 1,1-Dichloropropene	5.11	75	271814	9.810	ug/l	99
30) Carbon Tetrachloride	5.11	117	271272	9.441	ug/l	96
31) Isopropyl Ether	3.56	45	548170	9.683	ug/l	100
32) Ethyl-t-butyl ether	4.05	59	481680	9.943	ug/l	99
33) Tert-Amyl methyl ether	5.56	73	419418	10.335	ug/l	100
34) Propionitrile	4.31	54	67380	51.375	ug/l	97
35) Benzene	5.37	78	799374	9.618	ug/l	100
36) 1,2-Dichloroethane	5.38	62	204362	9.574	ug/l	100
37) Trichloroethene	6.16	130	214869	9.241	ug/l	100
38) 1,2-Dichloropropane	6.41	63	209469	9.515	ug/l	98
39) Methacrylonitrile	4.53	41	56347	10.382	ug/l	99
40) Methyl acrylate	4.41	55	87762	10.613	ug/l	99
41) Tetrahydrofuran	4.63	42	56747	20.408	ug/l	99
42) 1-Chlorobutane	5.04	56	378940	10.064	ug/l	99

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Quant Time: Sep 12 04:25:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U091119DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Sep 12 02:53:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Dibromomethane	6.54	93	97312	9.391 ug/l	98
44) Bromodichloromethane	6.74	83	249790	9.381 ug/l	99
45) 4-Methyl-2-Pentanone	7.44	43	553877	52.716 ug/l	100
46) t-1,4-Dichloro-2-butene	10.49	75	93328m	22.286 ug/l	
47) Methyl methacrylate	6.60	69	176188	21.315 ug/l	99
48) Ethyl methacrylate	8.00	69	159859	10.763 ug/l	99
49) Toluene	7.61	92	494466	10.198 ug/l	100
50) t-1,3-Dichloropropene	7.86	75	220185	10.043 ug/l	100
51) cis-1,3-Dichloropropene	7.25	75	275680	9.990 ug/l	98
52) 1,1,2-Trichloroethane	8.05	97	135810	9.437 ug/l	99
53) 1,3-Dichloropropane	8.22	76	235301	9.778 ug/l	99
54) 2-Hexanone	8.34	43	383920	54.511 ug/l	99
55) Dibromochloromethane	8.46	129	171293	9.796 ug/l	99
56) 1,2-Dibromoethane	8.57	107	127090	9.625 ug/l	99
58) Tetrachloroethene	8.21	164	211905	9.591 ug/l	99
59) Chlorobenzene	9.10	112	538110	9.961 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.19	131	188228	9.408 ug/l	99
61) Pentachloroethane	11.08	117	149701	9.244 ug/l	98
62) Hexachloroethane	12.12	117	138491	9.630 ug/l	97
63) Ethyl Benzene	9.23	91	921560	10.638 ug/l	99
64) m/p-Xylenes	9.35	106	751142	21.407 ug/l	99
65) o-Xylene	9.76	106	351536	10.516 ug/l	100
66) Styrene	9.77	104	613637	10.966 ug/l	99
67) Bromoform	9.94	173	101013	9.827 ug/l	98
69) Isopropylbenzene	10.14	105	931912	10.695 ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.43	83	176726	9.570 ug/l	99
71) 1,2,3-Trichloropropane	10.47	75	124532m	9.476 ug/l	
72) Bromobenzene	10.43	156	233611	9.888 ug/l	99
73) n-propylbenzene	10.57	120	273906	10.851 ug/l	99
74) 2-Chlorotoluene	10.64	126	235630	10.375 ug/l	100
75) 1,3,5-Trimethylbenzene	10.75	105	838765	10.721 ug/l	100
76) 4-Chlorotoluene	10.75	126	241154	10.487 ug/l	97
77) tert-Butylbenzene	11.08	119	784762	10.346 ug/l	98
78) 1,2,4-Trimethylbenzene	11.13	105	865078	10.949 ug/l	100
79) sec-Butylbenzene	11.30	105	1075377	10.538 ug/l	99
80) Nitrobenzene	12.85	77	20718	52.553 ug/l	100
81) p-Isopropyltoluene	11.45	119	927588	10.894 ug/l	99
82) 1,3-Dichlorobenzene	11.39	146	480074	9.790 ug/l	100
83) 1,4-Dichlorobenzene	11.49	146	481733	9.886 ug/l	100
84) n-Butylbenzene	11.86	91	853395	10.891 ug/l	100
85) 1,2-Dichlorobenzene	11.86	146	436276	9.819 ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.64	75	25449	10.322 ug/l	98
87) 1,2,4-Trichlorobenzene	13.48	180	283377	11.048 ug/l	99
88) Hexachlorobutadiene	13.67	225	190823	9.764 ug/l	100
89) Naphthalene	13.72	128	400250	8.974 ug/l	100
90) 1,2,3-Trichlorobenzene	13.96	180	260926	11.047 ug/l	98

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

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