Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU012220\
Data File : VU036530.D
Acq On : 22 Jan 2020 17:38
Operator : JC/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU012220

Manual Integrations APPROVED
apatel
1/23/2020 3:21:42 PM

Quant Time: Jan 23 09:22:41 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U012220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jan 23 08:59:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.15	96	36415	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	13416	0.98	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.00%			
68) 1,2-Dichlorobenzene-d4	12.21	152	13864	0.99	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	93166	7.740	ug/l	98
3) Chloromethane	1.54	50	115158	8.924	ug/l	98
4) Vinyl Chloride	1.62	62	121750	8.329	ug/l	100
5) Bromomethane	1.87	94	79583	8.762	ug/l	97
6) Chloroethane	1.95	64	76046	8.782	ug/l	99
7) Trichlorofluoromethane	2.16	101	143316	9.924	ug/l	97
8) 1,1,2-Trichloro-1,2,2-trif	2.61	101	90546	10.065	ug/l	99
9) 1,1-Dichloroethene	2.61	96	95813	10.005	ug/l	97
10) Iodomethane	2.75	142	115684	8.894	ug/l	100
11) Allyl Chloride	2.95	41	128989	9.742	ug/l	97
12) Acrylonitrile	3.37	53	110242	46.936	ug/l	99
13) Acetone	2.68	43	119971	76.174	ug/l	100
14) Carbon Disulfide	2.82	76	312804	9.432	ug/l	99
15) Methylene Chloride	3.08	84	106507	8.445	ug/l	99
16) trans-1,2-Dichloroethene	3.38	96	105049	9.945	ug/l	99
17) 1,1-Dichloroethane	3.91	63	166644	9.681	ug/l	99
18) 2-Butanone	4.78	43	136980	54.322	ug/l	99
19) Cyclohexane	5.42	56	152689m	9.704	ug/l	
20) Methylcyclohexane	6.79	83	175812	10.008	ug/l	99
21) 2,2-Dichloropropane	4.71	77	142903	9.724	ug/l	100
22) cis-1,2-Dichloroethene	4.71	96	110781	10.108	ug/l	100
23) Diethyl Ether	2.41	59	67858	9.174	ug/l	99
24) tert-Butyl Alcohol	3.29	59	32698	49.460	ug/l	100
25) Methyl tert-Butyl Ether	3.42	73	238938	9.522	ug/l	100
26) Bromochloromethane	5.02	128	50604	10.661	ug/l	96
27) Chloroform	5.13	83	165284	9.707	ug/l	98
28) 1,1,1-Trichloroethane	5.36	97	140127	9.815	ug/l	100
29) 1,1-Dichloropropene	5.56	75	133913	9.610	ug/l	100
30) Carbon Tetrachloride	5.56	117	120265	9.837	ug/l	98
31) Isopropyl Ether	4.05	45	259100	9.916	ug/l #	1
34) Propionitrile	4.85	54	77311	106.363	ug/l	99
35) Benzene	5.81	78	394307	9.772	ug/l	100
36) 1,2-Dichloroethane	5.84	62	106849	9.837	ug/l	99
37) Trichloroethene	6.58	130	109209	9.803	ug/l	99
38) 1,2-Dichloropropane	6.83	63	97852	9.645	ug/l	99
39) Methacrylonitrile	5.03	41	30056	9.839	ug/l	98
40) Methyl acrylate	4.90	55	54754	11.309	ug/l	99
41) Tetrahydrofuran	5.12	42	78097	46.925	ug/l	98
42) 1-Chlorobutane	5.50	56	174348	9.658	ug/l	99
43) Dibromomethane	6.96	93	52452	9.906	ug/l	99
44) Bromodichloromethane	7.14	83	124195	9.916	ug/l	98

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jan 23 08:59:25 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.83	43	285791	47.905 ug/l	100
46) t-1,4-Dichloro-2-butene	10.86	75	28901m	11.000 ug/l	
47) Methyl methacrylate	7.00	69	51151	9.858 ug/l	98
48) Ethyl methacrylate	8.37	69	102847	10.261 ug/l	100
49) Toluene	8.00	92	251966	9.783 ug/l	100
50) t-1,3-Dichloropropene	8.24	75	130201	10.432 ug/l	100
51) cis-1,3-Dichloropropene	7.64	75	156906	10.373 ug/l	98
52) 1,1,2-Trichloroethane	8.43	97	74535	9.921 ug/l	99
53) 1,3-Dichloropropane	8.61	76	126965	9.860 ug/l	98
54) 2-Hexanone	8.72	43	225070	53.795 ug/l	98
55) Dibromochloromethane	8.84	129	88350	10.214 ug/l	98
56) 1,2-Dibromoethane	8.95	107	73190	10.117 ug/l	100
58) Tetrachloroethene	8.58	164	108779	9.770 ug/l	99
59) Chlorobenzene	9.47	112	277238	9.663 ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.56	131	92209	10.063 ug/l	100
61) Pentachloroethane	11.45	117	62379	10.552 ug/l	100
62) Hexachloroethane	12.49	117	76759	10.188 ug/l	100
63) Ethyl Benzene	9.60	91	484279	10.072 ug/l	99
64) m/p-Xylenes	9.72	106	376879	19.802 ug/l	100
65) o-Xylene	10.12	106	180088	9.771 ug/l	99
66) Styrene	10.14	104	306919	9.944 ug/l	100
67) Bromoform	10.32	173	50521	10.201 ug/l	98
69) Isopropylbenzene	10.51	105	480202	9.918 ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.81	83	93014	9.813 ug/l	99
71) 1,2,3-Trichloropropane	10.85	75	66672m	9.858 ug/l	
72) Bromobenzene	10.81	156	118086	10.123 ug/l	99
73) n-propylbenzene	10.93	120	135235	9.955 ug/l	98
74) 2-Chlorotoluene	11.01	126	113329	9.713 ug/l	100
75) 1,3,5-Trimethylbenzene	11.11	105	422197	10.167 ug/l	99
76) 4-Chlorotoluene	11.12	126	120058	9.958 ug/l	98
77) tert-Butylbenzene	11.44	119	383164	9.738 ug/l	100
78) 1,2,4-Trimethylbenzene	11.49	105	423985	9.902 ug/l	100
79) sec-Butylbenzene	11.66	105	501438	9.185 ug/l	100
81) p-Isopropyltoluene	11.81	119	463858	10.166 ug/l	100
82) 1,3-Dichlorobenzene	11.77	146	226413	9.702 ug/l	99
83) 1,4-Dichlorobenzene	11.86	146	226177	9.696 ug/l	99
84) n-Butylbenzene	12.23	91	441666	10.467 ug/l	100
85) 1,2-Dichlorobenzene	12.23	146	214893	9.622 ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	15374	9.582 ug/l	99
87) 1,2,4-Trichlorobenzene	13.86	180	160466	11.233 ug/l	99
88) Hexachlorobutadiene	14.04	225	79223	10.119 ug/l	100
89) Naphthalene	14.10	128	288238	11.712 ug/l	100
90) 1,2,3-Trichlorobenzene	14.35	180	145950	10.864 ug/l	100

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

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