Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102320\
Data File : VU040932.D
Acq On : 23 Oct 2020 13:01
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 24 06:50:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:07:33 2020
Response via : Initial Calibration

Instrument : MSVOA_U
ClientSampleId : VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
10/26/2020 4:24:25 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Fluorobenzene	6.12	96	60642	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.63	95	23623	1.07	ug/l	0.00
Spiked Amount 1.000			Recovery = 107.00%			
68) 1,2-Dichlorobenzene-d4	12.19	152	24185	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.39	85	269459	9.527	ug/l	100
3) Chloromethane	1.53	50	276716	9.387	ug/l	98
4) Vinyl Chloride	1.61	62	266284	9.700	ug/l	99
5) Bromomethane	1.87	94	147007	9.112	ug/l	99
6) Chloroethane	1.94	64	152586	9.095	ug/l	99
7) Trichlorofluoromethane	2.15	101	334591	9.647	ug/l	100
8) 1,1,2-Trichloro-1,2,2-trif	2.59	101	187851	9.742	ug/l	99
9) 1,1-Dichloroethene	2.59	96	165623	9.862	ug/l	99
10) Iodomethane	2.74	142	214092	10.438	ug/l	99
11) Allyl Chloride	2.94	41	338616	9.793	ug/l	99
12) Acrylonitrile	3.34	53	114178	19.285	ug/l	96
13) Acetone	2.66	43	291094	58.742	ug/l	99
14) Carbon Disulfide	2.81	76	616678	9.772	ug/l	100
15) Methylene Chloride	3.06	84	231273	10.602	ug/l	99
16) trans-1,2-Dichloroethene	3.37	96	184581	9.711	ug/l	97
17) 1,1-Dichloroethane	3.89	63	372523	9.582	ug/l	100
18) 2-Butanone	4.75	43	430063	53.650	ug/l	100
19) Cyclohexane	5.40	56	348245m	9.518	ug/l	
20) Methylcyclohexane	6.77	83	294903	10.774	ug/l	96
21) 2,2-Dichloropropane	4.68	77	324422	9.883	ug/l	100
22) cis-1,2-Dichloroethene	4.69	96	192301	9.482	ug/l	98
23) Diethyl Ether	2.39	59	159970	9.647	ug/l	99
24) tert-Butyl Alcohol	3.27	59	151990m	82.165	ug/l	
25) Methyl tert-Butyl Ether	3.38	73	500715	9.612	ug/l	97
26) Bromochloromethane	4.99	128	86032	9.760	ug/l	97
27) Chloroform	5.11	83	357549	9.623	ug/l	100
28) 1,1,1-Trichloroethane	5.33	97	307965	9.614	ug/l	98
29) 1,1-Dichloropropene	5.54	75	271883	9.687	ug/l	98
30) Carbon Tetrachloride	5.54	117	280505	9.675	ug/l	98
31) Isopropyl Ether	4.02	45	584478	9.722	ug/l	100
32) Ethyl-t-butyl ether	4.53	59	510418	9.640	ug/l	98
33) Tert-Amyl methyl ether	5.96	73	409362	10.381	ug/l	99
34) Propionitrile	4.83	54	109657	49.823	ug/l #	92
35) Benzene	5.79	78	770906	9.909	ug/l	100
36) 1,2-Dichloroethane	5.81	62	281011	9.744	ug/l	98
37) Trichloroethene	6.55	130	180289	9.803	ug/l	98
38) 1,2-Dichloropropane	6.81	63	221703	10.044	ug/l	95
39) Methacrylonitrile	5.00	41	97286	9.429	ug/l	99
40) Methyl acrylate	4.87	55	142456	10.069	ug/l	97
41) Tetrahydrofuran	5.09	42	98791	18.613	ug/l	97
42) 1-Chlorobutane	5.47	56	420112	9.901	ug/l	99

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Quant Time: Oct 24 06:50:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U102220DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Oct 23 07:07:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.93	93	120397	9.733	ug/l	98
44) Bromodichloromethane	7.12	83	285861	9.953	ug/l	98
45) 4-Methyl-2-Pentanone	7.81	43	896547	55.206	ug/l	100
46) t-1,4-Dichloro-2-butene	10.83	75	115954m	18.056	ug/l	
47) Methyl methacrylate	6.98	69	225464	21.831	ug/l	99
48) Ethyl methacrylate	8.34	69	188286	10.837	ug/l	99
49) Toluene	7.98	92	460017	10.752	ug/l	97
50) t-1,3-Dichloropropene	8.22	75	261002	10.515	ug/l	96
51) cis-1,3-Dichloropropene	7.62	75	279650	10.280	ug/l	99
52) 1,1,2-Trichloroethane	8.41	97	155523	9.944	ug/l	99
53) 1,3-Dichloropropane	8.58	76	283724	10.105	ug/l	98
54) 2-Hexanone	8.70	43	664103	58.532	ug/l	99
55) Dibromochloromethane	8.82	129	183402	9.780	ug/l	98
56) 1,2-Dibromoethane	8.93	107	145856	10.058	ug/l	100
58) Tetrachloroethene	8.56	164	172043	10.007	ug/l	97
59) Chlorobenzene	9.45	112	471608	10.412	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.54	131	180458	10.140	ug/l	98
61) Pentachloroethane	11.42	117	141035	9.811	ug/l	98
62) Hexachloroethane	12.47	117	153951	10.523	ug/l	99
63) Ethyl Benzene	9.57	91	848167	11.306	ug/l	99
64) m/p-Xylenes	9.69	106	687142	20.671	ug/l	98
65) o-Xylene	10.10	106	305700	11.604	ug/l	100
66) Styrene	10.11	104	569099	10.358	ug/l	99
67) Bromoform	10.29	173	102079	10.057	ug/l	99
69) Isopropylbenzene	10.48	105	804385	11.449	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.78	83	215024	10.105	ug/l	100
71) 1,2,3-Trichloropropane	10.83	75	160406m	9.888	ug/l	
72) Bromobenzene	10.78	156	194681	10.628	ug/l	97
73) n-propylbenzene	10.90	120	239221	10.254	ug/l	97
74) 2-Chlorotoluene	10.98	126	203088	11.140	ug/l	99
75) 1,3,5-Trimethylbenzene	11.09	105	758094	10.357	ug/l	99
76) 4-Chlorotoluene	11.10	126	221290	11.712	ug/l	99
77) tert-Butylbenzene	11.42	119	672360	11.322	ug/l	99
78) 1,2,4-Trimethylbenzene	11.46	105	788849	10.392	ug/l	99
79) sec-Butylbenzene	11.64	105	969327	11.757	ug/l	99
80) Nitrobenzene	13.20	77	56310	55.948	ug/l	100
81) p-Isopropyltoluene	11.79	119	837051	10.438	ug/l	99
82) 1,3-Dichlorobenzene	11.74	146	422173	10.566	ug/l	99
83) 1,4-Dichlorobenzene	11.83	146	427635	10.583	ug/l	99
84) n-Butylbenzene	12.20	91	847264	12.277	ug/l	99
85) 1,2-Dichlorobenzene	12.20	146	413042	10.806	ug/l	100
86) 1,2-Dibromo-3-Chloropropan	12.99	75	39562	9.958	ug/l	98
87) 1,2,4-Trichlorobenzene	13.83	180	241386	10.775	ug/l	99
88) Hexachlorobutadiene	14.01	225	136252	10.833	ug/l	99
89) Naphthalene	14.08	128	517718	9.229	ug/l	100
90) 1,2,3-Trichlorobenzene	14.32	180	253660	11.637	ug/l	99

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

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