Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090121\
Data File : VU044552.D
Acq On : 01 Sep 2021 16:04
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 02 11:46:04 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 01:29:46 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
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9/2/2021 2:03:55 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	20139	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	7892	1.024	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	9483	1.060	ug/l	0.00
Spiked Amount 1.000			Recovery = 106.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	82610	10.255	ug/l	98
3) Chloromethane	1.520	50	86426	9.399	ug/l	100
4) Vinyl Chloride	1.607	62	105766	9.975	ug/l	97
5) Bromomethane	1.861	94	86238	10.113	ug/l	97
6) Chloroethane	1.938	64	78811	9.877	ug/l	99
7) Trichlorofluoromethane	2.144	101	179102	10.499	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	105923	10.243	ug/l	98
9) 1,1-Dichloroethene	2.588	96	96930	10.152	ug/l	98
10) Iodomethane	2.729	142	90660	7.869	ug/l	100
11) Allyl Chloride	2.928	41	107810	9.904	ug/l	98
12) Acrylonitrile	3.327	53	45656	26.495	ug/l	90
13) Acetone	2.636	43	55088	55.097	ug/l	97
14) Carbon Disulfide	2.800	76	284354	10.253	ug/l	99
15) Methylene Chloride	3.054	84	119395	8.022	ug/l	100
16) trans-1,2-Dichloroethene	3.359	96	107030	10.383	ug/l	99
17) 1,1-Dichloroethane	3.877	63	177889	10.253	ug/l	100
18) 2-Butanone	4.732	43	112746	59.879	ug/l	98
19) Cyclohexane	5.382	56	135341m	8.628	ug/l	
20) Methylcyclohexane	6.764	83	97557	10.696	ug/l	99
21) 2,2-Dichloropropane	4.671	77	154128	9.745	ug/l	100
22) cis-1,2-Dichloroethene	4.674	96	124436	10.573	ug/l	99
23) Diethyl Ether	2.382	59	66614	9.829	ug/l	98
24) tert-Butyl Alcohol	3.202	59	60463	169.982	ug/l	99
25) Methyl tert-Butyl Ether	3.378	73	241067	10.240	ug/l	99
26) Bromochloromethane	4.983	128	55612	10.018	ug/l	95
27) Chloroform	5.095	83	206666	10.200	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	179764	10.371	ug/l	99
29) 1,1-Dichloropropene	5.526	75	80623	10.593	ug/l	98
30) Carbon Tetrachloride	5.526	117	80899	10.706	ug/l	98
31) Isopropyl Ether	4.012	45	254436	10.391	ug/l	99
32) Ethyl-t-butyl ether	4.523	59	276953	10.307	ug/l	99
33) Tert-Amyl methyl ether	5.960	73	139196	10.744	ug/l	100
34) Propionitrile	4.796	54	34279	66.176	ug/l #	91
35) Benzene	5.777	78	224157	10.253	ug/l	100
36) 1,2-Dichloroethane	5.806	62	74234	10.403	ug/l	99
37) Trichloroethene	6.549	130	65129	10.332	ug/l	99
38) 1,2-Dichloropropane	6.800	63	57663	10.468	ug/l	99
39) Methacrylonitrile	4.993	41	30827	10.616	ug/l	98
40) Methyl acrylate	4.864	55	64675	13.689	ug/l #	91
41) Tetrahydrofuran	5.079	42	28753	20.317	ug/l	92
42) 1-Chlorobutane	5.462	56	100453	10.252	ug/l	98
43) Dibromomethane	6.925	93	35499	10.526	ug/l	99
44) Bromodichloromethane	7.115	83	82334	10.574	ug/l	100

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.809	43	181902	52.688	ug/l	100
46) t-1,4-Dichloro-2-butene	10.841	75	27953m	19.175	ug/l	
47) Methyl methacrylate	6.976	69	61779	22.051	ug/l	99
48) Ethyl methacrylate	8.346	69	60272	10.601	ug/l	99
49) Toluene	7.976	92	157817	10.936	ug/l	99
50) t-1,3-Dichloropropene	8.218	75	75240	10.998	ug/l	99
51) cis-1,3-Dichloropropene	7.616	75	85729	11.000	ug/l	100
52) 1,1,2-Trichloroethane	8.410	97	50554	10.537	ug/l	98
53) 1,3-Dichloropropane	8.584	76	84316	10.242	ug/l	99
54) 2-Hexanone	8.700	43	129551	52.764	ug/l	99
55) Dibromochloromethane	8.816	129	58992	10.852	ug/l	97
56) 1,2-Dibromoethane	8.931	107	49069	10.408	ug/l	98
58) Tetrachloroethene	8.558	164	62134	10.453	ug/l	99
59) Chlorobenzene	9.452	112	178472	10.910	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.542	131	63205	10.789	ug/l	99
61) Pentachloroethane	11.433	117	52014	11.194	ug/l	99
62) Hexachloroethane	12.481	117	52458	11.205	ug/l	98
63) Ethyl Benzene	9.574	91	308923	11.421	ug/l	99
64) m/p-Xylenes	9.700	106	253347	23.344	ug/l	98
65) o-Xylene	10.105	106	118053	11.231	ug/l	99
66) Styrene	10.118	104	209249	11.771	ug/l	99
67) Bromoform	10.298	173	33147	10.807	ug/l	99
69) Isopropylbenzene	10.491	105	314739	11.485	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	65719	10.179	ug/l	98
71) 1,2,3-Trichloropropane	10.832	75	41678m	9.054	ug/l	
72) Bromobenzene	10.787	156	78158	11.105	ug/l	100
73) n-propylbenzene	10.912	120	90115	11.772	ug/l	100
74) 2-Chlorotoluene	10.992	126	76173	11.094	ug/l	96
75) 1,3,5-Trimethylbenzene	11.092	105	279389	11.747	ug/l	100
76) 4-Chlorotoluene	11.102	126	83813	11.479	ug/l	98
77) tert-Butylbenzene	11.426	119	270404	11.416	ug/l	99
78) 1,2,4-Trimethylbenzene	11.471	105	286544	11.811	ug/l	100
79) sec-Butylbenzene	11.648	105	373147	11.614	ug/l	100
80) Nitrobenzene	13.211	77	9276	62.018	ug/l	99
81) p-Isopropyltoluene	11.799	119	321562	12.206	ug/l	99
82) 1,3-Dichlorobenzene	11.751	146	159901	11.335	ug/l	99
83) 1,4-Dichlorobenzene	11.841	146	164412	11.584	ug/l	99
84) n-Butylbenzene	12.214	91	311505	12.451	ug/l	99
85) 1,2-Dichlorobenzene	12.217	146	156748	11.068	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	11134	11.614	ug/l	99
87) 1,2,4-Trichlorobenzene	13.844	180	108155	12.206	ug/l	99
88) Hexachlorobutadiene	14.028	225	55463	11.259	ug/l	99
89) Naphthalene	14.092	128	202196	11.694	ug/l	99
90) 1,2,3-Trichlorobenzene	14.336	180	101083	11.786	ug/l	99

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

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