Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050366.D
Acq On : 17 Aug 2022 20:47
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Quant Time: Aug 18 06:11:26 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 18 06:06:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.112	96	39696	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14884	1.090	ug/l	0.00
Spiked Amount 1.000			Recovery = 109.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	16329	1.008	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	116360	7.478	ug/l	100
3) Chloromethane	1.520	50	169104	9.053	ug/l	99
4) Vinyl Chloride	1.604	62	153755	9.122	ug/l	98
5) Bromomethane	1.858	94	73338	10.040	ug/l	98
6) Chloroethane	1.932	64	100580	9.685	ug/l	100
7) Trichlorofluoromethane	2.137	101	165856	8.360	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	81645	7.617	ug/l	96
9) 1,1-Dichloroethene	2.578	96	100173	9.006	ug/l	99
10) Iodomethane	2.719	142	125939	11.974	ug/l	99
11) Allyl Chloride	2.919	41	175618	9.613	ug/l	95
12) Acrylonitrile	3.324	53	70478	19.132	ug/l	98
13) Acetone	2.645	43	125298	54.836	ug/l	92
14) Carbon Disulfide	2.787	76	337080	8.849	ug/l	99
15) Methylene Chloride	3.041	84	157079	6.969	ug/l	94
16) trans-1,2-Dichloroethene	3.346	96	118897	9.672	ug/l	98
17) 1,1-Dichloroethane	3.864	63	249562	10.410	ug/l	98
18) 2-Butanone	4.739	43	214757	54.897	ug/l	99
19) Cyclohexane	5.372	56	118564m	8.157	ug/l	
20) Methylcyclohexane	6.755	83	113768	8.113	ug/l	98
21) 2,2-Dichloropropane	4.658	77	159577	8.981	ug/l	100
22) cis-1,2-Dichloroethene	4.661	96	141268	10.860	ug/l	100
23) Diethyl Ether	2.379	59	102668	9.519	ug/l	93
24) tert-Butyl Alcohol	3.250	59	157310	113.176	ug/l #	86
25) Methyl tert-Butyl Ether	3.372	73	321293	10.175	ug/l	96
26) Bromochloromethane	4.970	128	59995	10.222	ug/l	94
27) Chloroform	5.086	83	247094	10.409	ug/l	97
28) 1,1,1-Trichloroethane	5.308	97	178390	9.653	ug/l	100
29) 1,1-Dichloropropene	5.517	75	145859	10.065	ug/l	100
30) Carbon Tetrachloride	5.514	117	141514	9.385	ug/l	97
31) Isopropyl Ether	4.006	45	394121	11.031	ug/l	98
32) Ethyl-t-butyl ether	4.517	59	333660	11.617	ug/l	99
33) Tert-Amyl methyl ether	5.954	73	239392	11.978	ug/l	98
34) Propionitrile	4.809	54	70131	53.741	ug/l	96
35) Benzene	5.768	78	493758	10.414	ug/l	98
36) 1,2-Dichloroethane	5.796	62	151063	10.110	ug/l	99
37) Trichloroethene	6.539	130	114471	9.895	ug/l	99
38) 1,2-Dichloropropane	6.793	63	139784	10.570	ug/l	99
39) Methacrylonitrile	4.986	41	51044	12.173	ug/l	95
40) Methyl acrylate	4.861	55	89500	12.219	ug/l	98
41) Tetrahydrofuran	5.083	42	54082	22.933	ug/l	99
42) 1-Chlorobutane	5.452	56	201739	9.912	ug/l	98
43) Dibromomethane	6.919	93	73721	10.122	ug/l	98
44) Bromodichloromethane	7.108	83	174233	10.388	ug/l	98

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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	7.806	43	431737	54.173	ug/l	98
46) t-1,4-Dichloro-2-butene	10.835	75	54410m	20.730	ug/l	
47) Methyl methacrylate	6.973	69	132758	22.617	ug/l	94
48) Ethyl methacrylate	8.340	69	117126	9.751	ug/l	95
49) Toluene	7.970	92	303601	11.344	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	146728	10.578	ug/l	96
51) cis-1,3-Dichloropropene	7.610	75	163924	10.440	ug/l	96
52) 1,1,2-Trichloroethane	8.404	97	108963	10.020	ug/l	99
53) 1,3-Dichloropropane	8.578	76	178365	10.598	ug/l	100
54) 2-Hexanone	8.697	43	299589	55.292	ug/l	99
55) Dibromochloromethane	8.812	129	119579	10.349	ug/l	99
56) 1,2-Dibromoethane	8.925	107	99516	10.597	ug/l	99
58) Tetrachloroethene	8.552	164	102469	9.400	ug/l	98
59) Chlorobenzene	9.446	112	311889	10.742	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	123364	10.445	ug/l	99
61) Pentachloroethane	11.426	117	101184	10.497	ug/l	94
62) Hexachloroethane	12.475	117	82597	10.221	ug/l	99
63) Ethyl Benzene	9.571	91	529248	9.764	ug/l	100
64) m/p-Xylenes	9.693	106	434181	20.176	ug/l	98
65) o-Xylene	10.102	106	203701	10.179	ug/l	97
66) Styrene	10.115	104	366567	10.404	ug/l	97
67) Bromoform	10.291	173	67893	10.261	ug/l	99
69) Isopropylbenzene	10.484	105	504886	9.672	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	144258	9.790	ug/l	97
71) 1,2,3-Trichloropropane	10.825	75	101621m	9.667	ug/l	
72) Bromobenzene	10.783	156	133972	11.037	ug/l	97
73) n-propylbenzene	10.906	120	135243	9.532	ug/l	99
74) 2-Chlorotoluene	10.986	126	135327	10.306	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	470587	10.076	ug/l	99
76) 4-Chlorotoluene	11.095	126	136902	11.948	ug/l	87
77) tert-Butylbenzene	11.420	119	421288	9.637	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	491856	10.191	ug/l	98
79) sec-Butylbenzene	11.645	105	543616	9.096	ug/l	99
80) Nitrobenzene	13.208	77	38776	42.709	ug/l	95
81) p-Isopropyltoluene	11.793	119	451293	6.706	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	270979	10.659	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	269253	10.294	ug/l	99
84) n-Butylbenzene	12.208	91	390234	8.403	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	267439	10.567	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.996	75	23734	10.013	ug/l	96
87) 1,2,4-Trichlorobenzene	13.841	180	146038	8.623	ug/l	99
88) Hexachlorobutadiene	14.021	225	79320	8.580	ug/l	99
89) Naphthalene	14.089	128	518226	13.121	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	157961	8.966	ug/l	99

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

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