Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082522\
Data File : VU050447.D
Acq On : 25 Aug 2022 18:22
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Quant Time: Aug 26 06:39:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.115	96	38455	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	14899	1.138	ug/l	0.00
Spiked Amount 1.000			Recovery = 114.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	16457	1.063	ug/l	0.00
Spiked Amount 1.000			Recovery = 106.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	148671	9.335	ug/l	99
3) Chloromethane	1.520	50	179664	9.274	ug/l	100
4) Vinyl Chloride	1.604	62	160520	9.696	ug/l	100
5) Bromomethane	1.848	94	62708	9.257	ug/l	100
6) Chloroethane	1.928	64	100422	10.030	ug/l	97
7) Trichlorofluoromethane	2.137	101	202486	9.802	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	112704	9.755	ug/l	98
9) 1,1-Dichloroethene	2.578	96	110707	9.775	ug/l	98
10) Iodomethane	2.719	142	95560	10.233	ug/l	99
11) Allyl Chloride	2.919	41	177643	10.176	ug/l	97
12) Acrylonitrile	3.314	53	73312	21.582	ug/l	96
13) Acetone	2.626	43	126458	53.230	ug/l	91
14) Carbon Disulfide	2.787	76	311599	8.882	ug/l	99
15) Methylene Chloride	3.041	84	147421	9.620	ug/l	95
16) trans-1,2-Dichloroethene	3.346	96	121967	10.420	ug/l	96
17) 1,1-Dichloroethane	3.864	63	235513	9.660	ug/l	100
18) 2-Butanone	4.716	43	181156	48.482	ug/l	98
19) Cyclohexane	5.385	56	153216m	8.660	ug/l	
20) Methylcyclohexane	6.764	83	160200	11.487	ug/l	99
21) 2,2-Dichloropropane	4.661	77	159966	8.633	ug/l	97
22) cis-1,2-Dichloroethene	4.665	96	139160	10.509	ug/l	95
23) Diethyl Ether	2.379	59	103573	10.646	ug/l	98
24) tert-Butyl Alcohol	3.192	59	141723	115.098	ug/l	98
25) Methyl tert-Butyl Ether	3.369	73	325328	10.814	ug/l	95
26) Bromochloromethane	4.973	128	64234	12.089	ug/l	96
27) Chloroform	5.089	83	251187	10.632	ug/l	98
28) 1,1,1-Trichloroethane	5.314	97	192873	9.567	ug/l	98
29) 1,1-Dichloropropene	5.523	75	160920	9.965	ug/l	99
30) Carbon Tetrachloride	5.520	117	157501	9.760	ug/l	99
31) Isopropyl Ether	4.002	45	317308	8.388	ug/l	88
32) Ethyl-t-butyl ether	4.510	59	260190	8.755	ug/l	98
33) Tert-Amyl methyl ether	5.948	73	233737	12.065	ug/l	98
34) Propionitrile	4.780	54	62476	56.606	ug/l	97
35) Benzene	5.774	78	514343	10.835	ug/l	98
36) 1,2-Dichloroethane	5.796	62	160026	11.041	ug/l	99
37) Trichloroethene	6.542	130	122035	10.724	ug/l	98
38) 1,2-Dichloropropane	6.793	63	147752	11.596	ug/l	99
39) Methacrylonitrile	4.980	41	40286	8.896	ug/l #	88
40) Methyl acrylate	4.854	55	62755	9.097	ug/l	97
41) Tetrahydrofuran	5.063	42	43099	19.007	ug/l	93
42) 1-Chlorobutane	5.459	56	222697	9.684	ug/l	98
43) Dibromomethane	6.919	93	75791	11.034	ug/l	99
44) Bromodichloromethane	7.108	83	184744	11.398	ug/l	97

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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	7.796	43	426157	61.811	ug/l	98
46) t-1,4-Dichloro-2-butene	10.835	75	67593m	16.510	ug/l	
47) Methyl methacrylate	6.967	69	134645	20.866	ug/l	93
48) Ethyl methacrylate	8.337	69	117921	10.117	ug/l	91
49) Toluene	7.970	92	317484	12.448	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	153707	12.179	ug/l	99
51) cis-1,3-Dichloropropene	7.610	75	174613	12.086	ug/l	95
52) 1,1,2-Trichloroethane	8.401	97	113662	11.260	ug/l	98
53) 1,3-Dichloropropane	8.578	76	187940	11.822	ug/l	100
54) 2-Hexanone	8.687	43	295092	61.459	ug/l	99
55) Dibromochloromethane	8.812	129	127928	11.520	ug/l	99
56) 1,2-Dibromoethane	8.925	107	101441	11.188	ug/l	99
58) Tetrachloroethene	8.555	164	110778	10.345	ug/l	98
59) Chlorobenzene	9.449	112	330667	12.014	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	127297	11.004	ug/l	98
61) Pentachloroethane	11.430	117	105163	10.924	ug/l	95
62) Hexachloroethane	12.478	117	95370	11.909	ug/l	100
63) Ethyl Benzene	9.571	91	564684	10.132	ug/l	100
64) m/p-Xylenes	9.697	106	462299	20.863	ug/l	98
65) o-Xylene	10.102	106	215512	10.447	ug/l	96
66) Styrene	10.115	104	384188	10.445	ug/l	98
67) Bromoform	10.291	173	72323	11.468	ug/l	100
69) Isopropylbenzene	10.488	105	543056	9.982	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.783	83	156638	11.275	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	100925m	9.660	ug/l	
72) Bromobenzene	10.783	156	141275	11.890	ug/l	97
73) n-propylbenzene	10.909	120	152400	10.029	ug/l	98
74) 2-Chlorotoluene	10.986	126	143984	10.448	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	498022	10.224	ug/l	99
76) 4-Chlorotoluene	11.099	126	140464	9.797	ug/l	95
77) tert-Butylbenzene	11.423	119	457935	9.997	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	527588	10.347	ug/l	97
79) sec-Butylbenzene	11.645	105	630506	10.053	ug/l	100
80) Nitrobenzene	13.211	77	32998	43.783	ug/l	96
81) p-Isopropyltoluene	11.796	119	502364	9.819	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	291091	11.897	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	294772	12.119	ug/l	98
84) n-Butylbenzene	12.211	91	413178	8.885	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	288814	12.008	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	23514	10.726	ug/l	93
87) 1,2,4-Trichlorobenzene	13.841	180	148809	10.844	ug/l	99
88) Hexachlorobutadiene	14.024	225	90733	10.159	ug/l	100
89) Naphthalene	14.092	128	288644	7.972	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	157471	8.937	ug/l	99

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

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