Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082522\
Data File : VU050440.D
Acq On : 25 Aug 2022 11:25
Operator : SY/MD
Sample : VU0825WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0825WBS01

Quant Time: Aug 26 06:34:03 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	6.118	96	33807	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	12034	1.045	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	13556	0.996	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	25121	1.794	ug/l	98
3) Chloromethane	1.520	50	35639	2.093	ug/l	97
4) Vinyl Chloride	1.604	62	29230	2.008	ug/l	98
5) Bromomethane	1.858	94	14027	2.355	ug/l	98
6) Chloroethane	1.932	64	19055	2.165	ug/l	98
7) Trichlorofluoromethane	2.138	101	35586	1.960	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	20057	1.975	ug/l	98
9) 1,1-Dichloroethene	2.591	96	20536	2.063	ug/l	99
10) Iodomethane	2.736	142	14662	1.786	ug/l	99
11) Allyl Chloride	2.938	41	34144	2.225	ug/l	94
12) Acrylonitrile	3.334	53	13198	4.420	ug/l #	91
13) Acetone	2.642	43	18925	9.061	ug/l	93
14) Carbon Disulfide	2.806	76	59387	1.926	ug/l	100
15) Methylene Chloride	3.060	84	32515	2.414	ug/l	95
16) trans-1,2-Dichloroethene	3.363	96	22605	2.197	ug/l	95
17) 1,1-Dichloroethane	3.880	63	47944	2.237	ug/l	97
18) 2-Butanone	4.755	43	32621	9.931	ug/l	99
19) Cyclohexane	5.362	56	32344m	2.079	ug/l	
20) Methylcyclohexane	6.790	83	22335	1.822	ug/l	98
21) 2,2-Dichloropropane	4.671	77	34537	2.120	ug/l	96
22) cis-1,2-Dichloroethene	4.674	96	26169	2.248	ug/l	95
23) Diethyl Ether	2.382	59	19525	2.283	ug/l	99
24) tert-Butyl Alcohol	3.211	59	30389	28.073	ug/l #	87
25) Methyl tert-Butyl Ether	3.385	73	59757	2.259	ug/l	95
26) Bromochloromethane	4.973	128	10477	2.243	ug/l	94
27) Chloroform	5.086	83	46466	2.237	ug/l	99
28) 1,1,1-Trichloroethane	5.305	97	37265	2.103	ug/l	97
29) 1,1-Dichloropropene	5.507	75	31868	2.245	ug/l	94
30) Carbon Tetrachloride	5.504	117	28513	2.010	ug/l	99
31) Isopropyl Ether	4.025	45	75399	2.267	ug/l	98
32) Ethyl-t-butyl ether	4.533	59	60735	2.325	ug/l	97
33) Tert-Amyl methyl ether	5.964	73	34349	2.017	ug/l	98
34) Propionitrile	4.819	54	10155m	10.466	ug/l	
35) Benzene	5.764	78	89343	2.141	ug/l	97
36) 1,2-Dichloroethane	5.797	62	28532	2.239	ug/l	100
37) Trichloroethene	6.578	130	20926	2.092	ug/l	97
38) 1,2-Dichloropropane	6.829	63	24452	2.183	ug/l	98
39) Methacrylonitrile	4.996	41	8376	2.104	ug/l	92
40) Methyl acrylate	4.871	55	17186m	2.834	ug/l	
41) Tetrahydrofuran	5.092	42	8133	4.080	ug/l	94
42) 1-Chlorobutane	5.443	56	42151	2.085	ug/l	98
43) Dibromomethane	6.954	93	13786	2.283	ug/l	96
44) Bromodichloromethane	7.137	83	30758	2.159	ug/l	93

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 25 14:01:59 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.829	43	65318	10.776	ug/l	96
46) t-1,4-Dichloro-2-butene	10.838	75	11018m	3.488	ug/l	
47) Methyl methacrylate	7.005	69	18523	4.121	ug/l	96
48) Ethyl methacrylate	8.359	69	16093	2.038	ug/l	99
49) Toluene	7.989	92	46327	2.066	ug/l	97
50) t-1,3-Dichloropropene	8.234	75	24009	2.164	ug/l	97
51) cis-1,3-Dichloropropene	7.636	75	27459	2.162	ug/l	94
52) 1,1,2-Trichloroethane	8.420	97	20813	2.345	ug/l	95
53) 1,3-Dichloropropane	8.594	76	31705	2.269	ug/l	99
54) 2-Hexanone	8.713	43	44046	10.435	ug/l	94
55) Dibromochloromethane	8.825	129	21130	2.164	ug/l	95
56) 1,2-Dibromoethane	8.941	107	17844	2.239	ug/l	98
58) Tetrachloroethene	8.568	164	19648	2.087	ug/l	98
59) Chlorobenzene	9.459	112	53591	2.215	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.546	131	21706	2.134	ug/l	96
61) Pentachloroethane	11.430	117	18037	2.131	ug/l	93
62) Hexachloroethane	12.478	117	14774	2.099	ug/l	97
63) Ethyl Benzene	9.581	91	75064	2.016	ug/l	98
64) m/p-Xylenes	9.703	106	58180	3.916	ug/l	99
65) o-Xylene	10.108	106	29355	2.051	ug/l	97
66) Styrene	10.124	104	46546	1.957	ug/l	97
67) Bromoform	10.298	173	12130	2.188	ug/l	97
69) Isopropylbenzene	10.491	105	74095	2.030	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	28574	2.340	ug/l	95
71) 1,2,3-Trichloropropane	10.832	75	21171m	2.305	ug/l	
72) Bromobenzene	10.790	156	22442	2.148	ug/l	95
73) n-propylbenzene	10.912	120	18552	1.899	ug/l	93
74) 2-Chlorotoluene	10.992	126	20091	1.986	ug/l	93
75) 1,3,5-Trimethylbenzene	11.092	105	64041	1.943	ug/l	98
76) 4-Chlorotoluene	11.105	126	20179	1.936	ug/l	85
77) tert-Butylbenzene	11.423	119	63781	2.000	ug/l	95
78) 1,2,4-Trimethylbenzene	11.472	105	64932	1.935	ug/l	98
79) sec-Butylbenzene	11.648	105	79825	1.918	ug/l	99
80) Nitrobenzene	13.217	77	8045	12.142	ug/l	97
81) p-Isopropyltoluene	11.796	119	62569	1.910	ug/l	98
82) 1,3-Dichlorobenzene	11.751	146	46911	2.181	ug/l	97
83) 1,4-Dichlorobenzene	11.838	146	47088	2.202	ug/l	98
84) n-Butylbenzene	12.211	91	58111	1.914	ug/l	97
85) 1,2-Dichlorobenzene	12.218	146	45611	2.157	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	4091	2.123	ug/l	87
87) 1,2,4-Trichlorobenzene	13.844	180	24181	2.004	ug/l	96
88) Hexachlorobutadiene	14.021	225	15269	1.945	ug/l	99
89) Naphthalene	14.092	128	51128	2.373	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	24340	1.977	ug/l	99

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

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