Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072221\
Data File : VU044387.D
Acq On : 22 Jul 2021 12:08
Operator : SY/MD
Sample : VU0722WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 23 03:29:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U071621DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jul 16 14:36:39 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0722WBSD01

Manual Integrations APPROVED
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7/28/2021 11:09:06 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.122	96	46668	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	18110	0.962	ug/l	0.00
Spiked Amount 1.000			Recovery =	96.000%		
68) 1,2-Dichlorobenzene-d4	12.199	152	18164	0.989	ug/l	0.00
Spiked Amount 1.000			Recovery =	99.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.389	85	31282	1.921	ug/l	99
3) Chloromethane	1.524	50	34786	1.964	ug/l	100
4) Vinyl Chloride	1.607	62	36453	2.038	ug/l	98
5) Bromomethane	1.861	94	20415	2.141	ug/l	100
6) Chloroethane	1.938	64	23175	2.130	ug/l	99
7) Trichlorofluoromethane	2.144	101	41737	2.159	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.588	101	26057	2.133	ug/l	96
9) 1,1-Dichloroethene	2.585	96	24511	2.057	ug/l	95
10) Iodomethane	2.729	142	31000	1.988	ug/l	91
11) Allyl Chloride	2.932	41	41023	2.090	ug/l	83
12) Acrylonitrile	3.331	53	12298	4.503	ug/l	86
13) Acetone	2.639	43	13740	10.087	ug/l	92
14) Carbon Disulfide	2.800	76	79274	2.009	ug/l	99
15) Methylene Chloride	3.051	84	35384	2.092	ug/l	95
16) trans-1,2-Dichloroethene	3.360	96	27364	2.058	ug/l	98
17) 1,1-Dichloroethane	3.881	63	53190	2.149	ug/l	99
18) 2-Butanone	4.733	43	29086	9.957	ug/l	96
19) Cyclohexane	5.389	56	47137	2.083	ug/l	98
20) Methylcyclohexane	6.768	83	45426	1.925	ug/l	99
21) 2,2-Dichloropropane	4.672	77	42686	2.103	ug/l	98
22) cis-1,2-Dichloroethene	4.678	96	30432	2.095	ug/l	96
23) Diethyl Ether	2.385	59	22133	2.213	ug/l	100
24) tert-Butyl Alcohol	3.209	59	11263	18.981	ug/l	97
25) Methyl tert-Butyl Ether	3.379	73	70555	2.121	ug/l	92
26) Bromochloromethane	4.983	128	12906	2.099	ug/l	97
27) Chloroform	5.099	83	52900	2.208	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	42727	2.138	ug/l	99
29) 1,1-Dichloropropene	5.530	75	38472	2.026	ug/l	98
30) Carbon Tetrachloride	5.527	117	33128	1.988	ug/l	99
31) Isopropyl Ether	4.012	45	88703	2.154	ug/l	96
32) Ethyl-t-butyl ether	4.524	59	83802	2.063	ug/l	98
33) Tert-Amyl methyl ether	5.961	73	73688	2.040	ug/l	99
34) Propionitrile	4.797	54	7467	9.031	ug/l #	93
35) Benzene	5.781	78	112211	2.034	ug/l	100
36) 1,2-Dichloroethane	5.806	62	34976	2.209	ug/l	97
37) Trichloroethene	6.549	130	27382	1.974	ug/l	89
38) 1,2-Dichloropropane	6.800	63	29358	2.010	ug/l	98
39) Methacrylonitrile	4.990	41	10657	2.261	ug/l	96
40) Methyl acrylate	4.864	55	15292	2.085	ug/l	98
41) Tetrahydrofuran	5.083	42	8395	3.755	ug/l	90
42) 1-Chlorobutane	5.462	56	53535	1.995	ug/l	94
43) Dibromomethane	6.929	93	14729	2.033	ug/l	95
44) Bromodichloromethane	7.115	83	34509	2.008	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.810	43	97813	9.940	ug/l		96
46) t-1,4-Dichloro-2-butene	10.838	75	16512m	3.960	ug/l		
47) Methyl methacrylate	6.977	69	31784	3.969	ug/l	#	90
48) Ethyl methacrylate	8.347	69	30849	1.866	ug/l		97
49) Toluene	7.977	92	67991	1.959	ug/l		98
50) t-1,3-Dichloropropene	8.218	75	33088	1.854	ug/l		98
51) cis-1,3-Dichloropropene	7.617	75	39199	1.862	ug/l		95
52) 1,1,2-Trichloroethane	8.411	97	22234	2.083	ug/l		99
53) 1,3-Dichloropropane	8.585	76	40535	2.068	ug/l		98
54) 2-Hexanone	8.700	43	70107	10.015	ug/l		95
55) Dibromochloromethane	8.819	129	21952	1.900	ug/l		99
56) 1,2-Dibromoethane	8.932	107	21178	2.030	ug/l		100
58) Tetrachloroethene	8.559	164	24279	2.062	ug/l		97
59) Chlorobenzene	9.453	112	73138	1.993	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.543	131	23911	1.955	ug/l		99
61) Pentachloroethane	11.433	117	17550	1.796	ug/l		93
62) Hexachloroethane	12.481	117	17878	1.753	ug/l		99
63) Ethyl Benzene	9.575	91	127102	1.938	ug/l		98
64) m/p-Xylenes	9.700	106	97952	3.908	ug/l		99
65) o-Xylene	10.105	106	47978	1.984	ug/l		99
66) Styrene	10.121	104	80689	1.936	ug/l		99
67) Bromoform	10.298	173	11361	1.757	ug/l		99
69) Isopropylbenzene	10.491	105	125735	1.943	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.790	83	28772	2.043	ug/l		99
71) 1,2,3-Trichloropropane	10.832	75	24492m	2.028	ug/l		
72) Bromobenzene	10.787	156	29469	1.967	ug/l		94
73) n-propylbenzene	10.912	120	34543	1.981	ug/l		94
74) 2-Chlorotoluene	10.993	126	29366	1.963	ug/l		94
75) 1,3,5-Trimethylbenzene	11.092	105	105905	1.937	ug/l		99
76) 4-Chlorotoluene	11.102	126	30771	1.980	ug/l		98
77) tert-Butylbenzene	11.427	119	103820	1.937	ug/l		100
78) 1,2,4-Trimethylbenzene	11.475	105	109969	1.981	ug/l		99
79) sec-Butylbenzene	11.649	105	145077	1.987	ug/l		98
80) Nitrobenzene	13.215	77	3238	7.706	ug/l		95
81) p-Isopropyltoluene	11.800	119	119292	1.974	ug/l		99
82) 1,3-Dichlorobenzene	11.752	146	60434	2.031	ug/l		100
83) 1,4-Dichlorobenzene	11.842	146	59224	1.971	ug/l		99
84) n-Butylbenzene	12.215	91	115952	1.959	ug/l		99
85) 1,2-Dichlorobenzene	12.218	146	58051	2.014	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	13.006	75	4932	2.026	ug/l		92
87) 1,2,4-Trichlorobenzene	13.848	180	38806	1.903	ug/l		98
88) Hexachlorobutadiene	14.028	225	19384	1.964	ug/l		98
89) Naphthalene	14.092	128	77531	1.901	ug/l		98
90) 1,2,3-Trichlorobenzene	14.337	180	36482	1.970	ug/l		97

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

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