Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072021\
Data File : VU044369.D
Acq On : 20 Jul 2021 12:15
Operator : SY/MD
Sample : VU0720WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jul 21 01:24:57 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 :
VU0720WBS01

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	50302	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	19946	0.983	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.000%			
68) 1,2-Dichlorobenzene-d4	12.201	152	19640	0.992	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	30224	1.722	ug/l	98
3) Chloromethane	1.523	50	35096	1.838	ug/l	98
4) Vinyl Chloride	1.607	62	34950	1.813	ug/l	97
5) Bromomethane	1.861	94	19686	1.915	ug/l	97
6) Chloroethane	1.938	64	22349	1.906	ug/l	97
7) Trichlorofluoromethane	2.144	101	38938	1.869	ug/l	97
8) 1,1,2-Trichloro-1,2,2-...	2.584	101	24011	1.823	ug/l	98
9) 1,1-Dichloroethene	2.584	96	23305	1.814	ug/l	98
10) Iodomethane	2.729	142	29755	1.770	ug/l	90
11) Allyl Chloride	2.928	41	39871	1.885	ug/l	82
12) Acrylonitrile	3.333	53	14895	5.060	ug/l	95
13) Acetone	2.642	43	7496	5.106	ug/l	96
14) Carbon Disulfide	2.797	76	76556	1.800	ug/l	99
15) Methylene Chloride	3.051	84	37994	2.084	ug/l	93
16) trans-1,2-Dichloroethene	3.359	96	26033	1.817	ug/l	96
17) 1,1-Dichloroethane	3.877	63	49632	1.860	ug/l	98
18) 2-Butanone	4.742	43	43915	13.947	ug/l	99
19) Cyclohexane	5.385	56	45165	1.851	ug/l	96
20) Methylcyclohexane	6.764	83	44227	1.738	ug/l	98
21) 2,2-Dichloropropane	4.671	77	41354	1.890	ug/l	97
22) cis-1,2-Dichloroethene	4.677	96	29492	1.883	ug/l	94
23) Diethyl Ether	2.385	59	21360	1.982	ug/l	98
24) tert-Butyl Alcohol	3.224	59	927m	1.449	ug/l	
25) Methyl tert-Butyl Ether	3.382	73	70592	1.969	ug/l	94
26) Bromochloromethane	4.983	128	12418	1.874	ug/l	98
27) Chloroform	5.099	83	48528	1.879	ug/l	99
28) 1,1,1-Trichloroethane	5.321	97	39756	1.846	ug/l	99
29) 1,1-Dichloropropene	5.530	75	36595	1.788	ug/l	98
30) Carbon Tetrachloride	5.526	117	32422	1.805	ug/l	99
31) Isopropyl Ether	4.015	45	85204	1.919	ug/l	94
32) Ethyl-t-butyl ether	4.526	59	83769	1.914	ug/l	98
33) Tert-Amyl methyl ether	5.960	73	71832	1.845	ug/l	98
34) Propionitrile	4.806	54	3284m	3.685	ug/l	
35) Benzene	5.780	78	107474	1.807	ug/l	99
36) 1,2-Dichloroethane	5.806	62	31857	1.867	ug/l	96
37) Trichloroethene	6.549	130	26747	1.789	ug/l	96
38) 1,2-Dichloropropane	6.803	63	28526	1.812	ug/l	99
39) Methacrylonitrile	4.999	41	11602	2.283	ug/l	95
40) Methyl acrylate	4.870	55	17983	2.275	ug/l	97
41) Tetrahydrofuran	5.086	42	11254	4.670	ug/l	99
42) 1-Chlorobutane	5.462	56	52363	1.811	ug/l	93
43) Dibromomethane	6.928	93	14514	1.859	ug/l	96
44) Bromodichloromethane	7.115	83	33970	1.834	ug/l	97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45)	4-Methyl-2-Pentanone	7.816	43	98175	9.256	ug/l		95
46)	t-1,4-Dichloro-2-butene	10.844	75	12585m	2.800	ug/l		
47)	Methyl methacrylate	6.980	69	30681	3.555	ug/l		92
48)	Ethyl methacrylate	8.349	69	31727	1.780	ug/l		92
49)	Toluene	7.976	92	66192	1.769	ug/l		99
50)	t-1,3-Dichloropropene	8.221	75	33286	1.730	ug/l		98
51)	cis-1,3-Dichloropropene	7.616	75	39753	1.752	ug/l		95
52)	1,1,2-Trichloroethane	8.410	97	21858	1.900	ug/l		96
53)	1,3-Dichloropropane	8.584	76	39039	1.848	ug/l		100
54)	2-Hexanone	8.703	43	70096	9.290	ug/l		95
55)	Dibromochloromethane	8.819	129	21800	1.750	ug/l		99
56)	1,2-Dibromoethane	8.931	107	20656	1.837	ug/l		98
58)	Tetrachloroethene	8.558	164	24021	1.893	ug/l		97
59)	Chlorobenzene	9.455	112	71172	1.799	ug/l		99
60)	1,1,1,2-Tetrachloroethane	9.542	131	23496	1.783	ug/l		96
61)	Pentachloroethane	11.433	117	17459	1.658	ug/l		94
62)	Hexachloroethane	12.481	117	18970	1.725	ug/l		94
63)	Ethyl Benzene	9.578	91	125829	1.780	ug/l		99
64)	m/p-Xylenes	9.700	106	96531	3.573	ug/l		100
65)	o-Xylene	10.108	106	46433	1.781	ug/l		97
66)	Styrene	10.121	104	80340	1.788	ug/l		98
67)	Bromoform	10.298	173	11910	1.708	ug/l		98
69)	Isopropylbenzene	10.491	105	125254	1.796	ug/l		100
70)	1,1,2,2-Tetrachloroethane	10.790	83	27946	1.841	ug/l		99
71)	1,2,3-Trichloropropane	10.835	75	20932m	1.608	ug/l		
72)	Bromobenzene	10.790	156	29183	1.807	ug/l		92
73)	n-propylbenzene	10.912	120	33606	1.788	ug/l		93
74)	2-Chlorotoluene	10.992	126	28969	1.797	ug/l		89
75)	1,3,5-Trimethylbenzene	11.095	105	107078	1.817	ug/l		99
76)	4-Chlorotoluene	11.105	126	30531	1.823	ug/l		100
77)	tert-Butylbenzene	11.426	119	101566	1.758	ug/l		98
78)	1,2,4-Trimethylbenzene	11.475	105	105402	1.762	ug/l		98
79)	sec-Butylbenzene	11.648	105	142343	1.809	ug/l		97
80)	Nitrobenzene	13.214	77	3010	6.646	ug/l	#	97
81)	p-Isopropyltoluene	11.799	119	116625	1.790	ug/l		98
82)	1,3-Dichlorobenzene	11.751	146	57398	1.790	ug/l		98
83)	1,4-Dichlorobenzene	11.841	146	58432	1.804	ug/l		99
84)	n-Butylbenzene	12.214	91	112892	1.770	ug/l		99
85)	1,2-Dichlorobenzene	12.217	146	55800	1.796	ug/l		99
86)	1,2-Dibromo-3-Chloropr...	13.002	75	4610	1.757	ug/l		99
87)	1,2,4-Trichlorobenzene	13.848	180	37278	1.696	ug/l		98
88)	Hexachlorobutadiene	14.028	225	18051	1.697	ug/l		97
89)	Naphthalene	14.092	128	75353	1.714	ug/l		99
90)	1,2,3-Trichlorobenzene	14.336	180	35193	1.763	ug/l		99

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

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