Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030921\
Data File : VU042544.D
Acq On : 09 Mar 2021 18:31
Operator : SY/MD
Sample : VU0309WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0309WBSD01

Manual Integrations APPROVED
SAM
3/12/2021 5:18:20 PM

Quant Time: Mar 10 06:53:03 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 10 06:46:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.121	96	19463	1.00	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	8866	1.03	ug/l		0.00
Spiked Amount 1.000			Recovery = 103.00%				
68) 1,2-Dichlorobenzene-d4	12.201	152	8394	0.95	ug/l		0.00
Spiked Amount 1.000			Recovery = 95.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	16204	2.04	ug/l		98
3) Chloromethane	1.526	50	14527	2.08	ug/l		96
4) Vinyl Chloride	1.607	62	14412	2.11	ug/l		95
5) Bromomethane	1.864	94	9143	2.24	ug/l		93
6) Chloroethane	1.938	64	9013	2.17	ug/l		91
7) Trichlorofluoromethane	2.147	101	22488	2.00	ug/l		99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	12138	2.11	ug/l		98
9) 1,1-Dichloroethene	2.587	96	10345	2.08	ug/l		98
10) Iodomethane	2.732	142	16726	2.10	ug/l		98
11) Allyl Chloride	2.935	41	19552	2.06	ug/l		99
12) Acrylonitrile	3.333	53	5084	4.17	ug/l		94
13) Acetone	2.639	43	9161	11.55	ug/l		100
14) Carbon Disulfide	2.803	76	32543	2.01	ug/l		99
15) Methylene Chloride	3.057	84	12098	2.09	ug/l		98
16) trans-1,2-Dichloroethene	3.359	96	11086	2.08	ug/l		97
17) 1,1-Dichloroethane	3.880	63	22119	2.08	ug/l		100
18) 2-Butanone	4.739	43	18030	11.27	ug/l		100
19) Cyclohexane	5.391	56	20295m	2.08	ug/l		
20) Methylcyclohexane	6.771	83	16993	1.96	ug/l		97
21) 2,2-Dichloropropane	4.674	77	20319	2.02	ug/l		96
22) cis-1,2-Dichloroethene	4.681	96	12772	2.20	ug/l		93
23) Diethyl Ether	2.385	59	8673	2.09	ug/l		97
24) tert-Butyl Alcohol	3.208	59	5635	24.78	ug/l	#	94
25) Methyl tert-Butyl Ether	3.378	73	30346	2.17	ug/l		96
26) Bromochloromethane	4.986	128	5790	2.04	ug/l		94
27) Chloroform	5.099	83	23780	2.17	ug/l		99
28) 1,1,1-Trichloroethane	5.327	97	21128	2.09	ug/l		97
29) 1,1-Dichloropropene	5.529	75	16246	2.17	ug/l		99
30) Carbon Tetrachloride	5.529	117	17272	2.03	ug/l		98
31) Isopropyl Ether	4.015	45	39697	2.12	ug/l		97
32) Ethyl-t-butyl ether	4.523	59	34989	2.10	ug/l		100
33) Tert-Amyl methyl ether	5.960	73	27344	2.05	ug/l		99
34) Propionitrile	4.803	54	3241	9.44	ug/l	#	90
35) Benzene	5.780	78	43643	2.08	ug/l		98
36) 1,2-Dichloroethane	5.809	62	16296	2.03	ug/l		99
37) Trichloroethene	6.549	130	12232	2.05	ug/l		98
38) 1,2-Dichloropropane	6.803	63	12347	2.11	ug/l		100
39) Methacrylonitrile	4.996	41	5733	2.39	ug/l		94
40) Methyl acrylate	4.864	55	7471	2.24	ug/l	#	91
41) Tetrahydrofuran	5.083	42	4953	4.42	ug/l		92
42) 1-Chlorobutane	5.465	56	23243	2.08	ug/l		98
43) Dibromomethane	6.928	93	7097	2.14	ug/l		97
44) Bromodichloromethane	7.118	83	15092	1.96	ug/l		99

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Quant Time: Mar 10 06:53:03 2021
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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 10 06:46:59 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	50730	10.47	ug/l		99
46) t-1,4-Dichloro-2-butene	10.844	75	5876m	4.08	ug/l		
47) Methyl methacrylate	6.976	69	12013	4.01	ug/l		92
48) Ethyl methacrylate	8.346	69	11659	1.95	ug/l		96
49) Toluene	7.976	92	27245	2.04	ug/l		98
50) t-1,3-Dichloropropene	8.221	75	13781	1.89	ug/l		100
51) cis-1,3-Dichloropropene	7.619	75	15408	1.94	ug/l		96
52) 1,1,2-Trichloroethane	8.410	97	9448	2.17	ug/l		97
53) 1,3-Dichloropropane	8.587	76	15839	2.04	ug/l		100
54) 2-Hexanone	8.703	43	35709	10.20	ug/l		97
55) Dibromochloromethane	8.819	129	11051	2.04	ug/l		98
56) 1,2-Dibromoethane	8.935	107	9248	2.05	ug/l		99
58) Tetrachloroethene	8.562	164	12032	2.05	ug/l		94
59) Chlorobenzene	9.455	112	28925	1.97	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.545	131	11738	2.11	ug/l		97
61) Pentachloroethane	11.436	117	9658	2.11	ug/l		88
62) Hexachloroethane	12.484	117	8445	1.98	ug/l		97
63) Ethyl Benzene	9.578	91	49414	1.92	ug/l		100
64) m/p-Xylenes	9.703	106	38483	3.94	ug/l		98
65) o-Xylene	10.111	106	18674	1.97	ug/l		99
66) Styrene	10.121	104	32092	1.98	ug/l		97
67) Bromoform	10.301	173	7081	2.01	ug/l		97
69) Isopropylbenzene	10.494	105	51013	1.97	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.793	83	12048	2.02	ug/l		98
71) 1,2,3-Trichloropropane	10.835	75	9109m	1.88	ug/l		
72) Bromobenzene	10.790	156	14528	2.07	ug/l		97
73) n-propylbenzene	10.912	120	13690	1.93	ug/l		97
74) 2-Chlorotoluene	10.996	126	12767	2.00	ug/l		94
75) 1,3,5-Trimethylbenzene	11.095	105	44256	1.92	ug/l		100
76) 4-Chlorotoluene	11.105	126	13432	2.01	ug/l		97
77) tert-Butylbenzene	11.430	119	45203	1.97	ug/l		99
78) 1,2,4-Trimethylbenzene	11.475	105	45385	1.98	ug/l		98
79) sec-Butylbenzene	11.651	105	58957	2.02	ug/l		99
80) Nitrobenzene	13.221	77	1551	11.35	ug/l	#	87
81) p-Isopropyltoluene	11.803	119	50003	2.00	ug/l		100
82) 1,3-Dichlorobenzene	11.754	146	28027	2.05	ug/l		99
83) 1,4-Dichlorobenzene	11.844	146	28676	2.08	ug/l		99
84) n-Butylbenzene	12.217	91	45681	2.01	ug/l		99
85) 1,2-Dichlorobenzene	12.221	146	27744	2.06	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	13.005	75	2307	2.05	ug/l		98
87) 1,2,4-Trichlorobenzene	13.851	180	17917	2.01	ug/l		98
88) Hexachlorobutadiene	14.031	225	12636	2.10	ug/l		98
89) Naphthalene	14.098	128	28637	1.98	ug/l		99
90) 1,2,3-Trichlorobenzene	14.339	180	17711	2.01	ug/l		98

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

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