Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090121\
Data File : VU044544.D
Acq On : 01 Sep 2021 11:46
Operator : SY/MD
Sample : VU0901WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 02 11:43:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 01:29:46 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0901WBS01

Manual Integrations APPROVED
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9/2/2021 2:03:45 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.115	96	22409	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	7434	0.867	ug/l	0.00
Spiked Amount 1.000			Recovery =	87.000%		
68) 1,2-Dichlorobenzene-d4	12.198	152	9534	0.958	ug/l	0.00
Spiked Amount 1.000			Recovery =	96.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.379	85	15680	1.749	ug/l	97
3) Chloromethane	1.514	50	18811	1.838	ug/l	99
4) Vinyl Chloride	1.597	62	21120	1.790	ug/l	97
5) Bromomethane	1.851	94	16449	1.734	ug/l	97
6) Chloroethane	1.928	64	15208	1.713	ug/l	100
7) Trichlorofluoromethane	2.134	101	33554	1.768	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	20267	1.761	ug/l	99
9) 1,1-Dichloroethene	2.578	96	18980	1.786	ug/l	99
10) Iodomethane	2.719	142	17987	1.403	ug/l	100
11) Allyl Chloride	2.922	41	21235	1.753	ug/l	95
12) Acrylonitrile	3.317	53	8008	4.176	ug/l	90
13) Acetone	2.633	43	11061	9.942	ug/l	96
14) Carbon Disulfide	2.790	76	54874	1.778	ug/l	100
15) Methylene Chloride	3.044	84	31384	1.895	ug/l	98
16) trans-1,2-Dichloroethene	3.353	96	20194	1.761	ug/l	99
17) 1,1-Dichloroethane	3.870	63	34491	1.787	ug/l	99
18) 2-Butanone	4.729	43	21467	10.246	ug/l	97
19) Cyclohexane	5.382	56	30800m	1.765	ug/l	
20) Methylcyclohexane	6.761	83	16229	1.599	ug/l	99
21) 2,2-Dichloropropane	4.668	77	30156	1.713	ug/l	98
22) cis-1,2-Dichloroethene	4.668	96	23790	1.817	ug/l	100
23) Diethyl Ether	2.375	59	13649	1.810	ug/l	99
24) tert-Butyl Alcohol	3.198	59	6785	17.143	ug/l #	77
25) Methyl tert-Butyl Ether	3.369	73	47899	1.829	ug/l	100
26) Bromochloromethane	4.976	128	10975	1.777	ug/l	96
27) Chloroform	5.092	83	39437	1.749	ug/l	100
28) 1,1,1-Trichloroethane	5.314	97	34115	1.769	ug/l	99
29) 1,1-Dichloropropene	5.523	75	14548	1.718	ug/l	99
30) Carbon Tetrachloride	5.523	117	14489	1.723	ug/l	99
31) Isopropyl Ether	4.002	45	48532	1.781	ug/l	98
32) Ethyl-t-butyl ether	4.513	59	52849	1.768	ug/l	100
33) Tert-Amyl methyl ether	5.957	73	25025	1.736	ug/l	99
34) Propionitrile	4.803	54	6713	11.647	ug/l #	97
35) Benzene	5.774	78	42768	1.758	ug/l	98
36) 1,2-Dichloroethane	5.800	62	13896	1.750	ug/l	99
37) Trichloroethene	6.546	130	12649	1.803	ug/l	96
38) 1,2-Dichloropropane	6.796	63	10832	1.767	ug/l	98
39) Methacrylonitrile	4.989	41	6219	1.925	ug/l	96
40) Methyl acrylate	4.861	55	10377	1.974	ug/l #	92
41) Tetrahydrofuran	5.076	42	5427	3.446	ug/l #	91
42) 1-Chlorobutane	5.456	56	19427	1.782	ug/l	97
43) Dibromomethane	6.925	93	6720	1.791	ug/l	97
44) Bromodichloromethane	7.111	83	14556	1.680	ug/l	99

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Instrument :
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Quant Time: Sep 02 11:43:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U083121DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Sep 01 01:29:46 2021
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	31874	8.297	ug/l		97
46) t-1,4-Dichloro-2-butene	10.838	75	5381m	3.317	ug/l		
47) Methyl methacrylate	6.976	69	10730	3.442	ug/l		96
48) Ethyl methacrylate	8.346	69	10133	1.602	ug/l		100
49) Toluene	7.973	92	27232	1.696	ug/l		98
50) t-1,3-Dichloropropene	8.218	75	12361	1.624	ug/l		99
51) cis-1,3-Dichloropropene	7.613	75	14576	1.681	ug/l		97
52) 1,1,2-Trichloroethane	8.407	97	9662	1.810	ug/l		96
53) 1,3-Dichloropropane	8.584	76	15890	1.735	ug/l		100
54) 2-Hexanone	8.703	43	21886	8.011	ug/l		99
55) Dibromochloromethane	8.816	129	9813	1.622	ug/l		98
56) 1,2-Dibromoethane	8.931	107	9034	1.722	ug/l		99
58) Tetrachloroethene	8.555	164	12453	1.883	ug/l		97
59) Chlorobenzene	9.452	112	30913	1.698	ug/l		100
60) 1,1,1,2-Tetrachloroethane	9.539	131	10898	1.672	ug/l		99
61) Pentachloroethane	11.433	117	7781	1.505	ug/l		92
62) Hexachloroethane	12.481	117	8057	1.547	ug/l		95
63) Ethyl Benzene	9.574	91	48153	1.600	ug/l		98
64) m/p-Xylenes	9.700	106	39523	3.273	ug/l		94
65) o-Xylene	10.105	106	18736	1.602	ug/l		99
66) Styrene	10.121	104	30062	1.520	ug/l		100
67) Bromoform	10.298	173	5488	1.608	ug/l		99
69) Isopropylbenzene	10.491	105	48209	1.581	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.790	83	11618	1.617	ug/l		99
71) 1,2,3-Trichloropropane	10.832	75	9113m	1.779	ug/l		
72) Bromobenzene	10.787	156	13058	1.667	ug/l		99
73) n-propylbenzene	10.912	120	13027	1.529	ug/l		95
74) 2-Chlorotoluene	10.992	126	12351	1.617	ug/l		99
75) 1,3,5-Trimethylbenzene	11.095	105	41296	1.560	ug/l		99
76) 4-Chlorotoluene	11.102	126	12905	1.588	ug/l		92
77) tert-Butylbenzene	11.426	119	40647	1.542	ug/l		99
78) 1,2,4-Trimethylbenzene	11.475	105	41453	1.536	ug/l		100
79) sec-Butylbenzene	11.648	105	55051	1.540	ug/l		100
80) Nitrobenzene	13.214	77	1232	7.403	ug/l	#	81
81) p-Isopropyltoluene	11.799	119	45522	1.553	ug/l		99
82) 1,3-Dichlorobenzene	11.751	146	25718	1.638	ug/l		97
83) 1,4-Dichlorobenzene	11.841	146	25217	1.597	ug/l		100
84) n-Butylbenzene	12.214	91	41125	1.477	ug/l		97
85) 1,2-Dichlorobenzene	12.217	146	25383	1.611	ug/l		97
86) 1,2-Dibromo-3-Chloropr...	13.002	75	1677	1.572	ug/l		99
87) 1,2,4-Trichlorobenzene	13.848	180	15175	1.539	ug/l		96
88) Hexachlorobutadiene	14.028	225	8696	1.586	ug/l		99
89) Naphthalene	14.095	128	24033	1.249	ug/l		98
90) 1,2,3-Trichlorobenzene	14.336	180	13777	1.444	ug/l		97

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

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