Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012921\
Data File : VU042221.D
Acq On : 29 Jan 2021 12:10
Operator : SY/MD
Sample : VU0129WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 30 00:49:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jan 29 09:59:59 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VU0129WBSD01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.124	96	12803	1.00	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.642	95	5216	1.05	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.00%			
68) 1,2-Dichlorobenzene-d4	12.205	152	5228	1.03	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	8574	1.72	ug/l	98
3) Chloromethane	1.527	50	8103	1.78	ug/l	100
4) Vinyl Chloride	1.610	62	7861	1.81	ug/l	98
5) Bromomethane	1.864	94	4241	1.97	ug/l	98
6) Chloroethane	1.941	64	4433	1.83	ug/l	99
7) Trichlorofluoromethane	2.147	101	11094	1.83	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	5629	1.73	ug/l	95
9) 1,1-Dichloroethene	2.591	96	5586	1.92	ug/l	88
10) Iodomethane	2.732	142	7658	1.80	ug/l	97
11) Allyl Chloride	2.935	41	10882	1.83	ug/l	100
12) Acrylonitrile	3.334	53	2723m	3.64	ug/l	
13) Acetone	2.642	43	4794	9.63	ug/l	97
14) Carbon Disulfide	2.803	76	17358	1.82	ug/l	100
15) Methylene Chloride	3.057	84	6261	1.72	ug/l	98
16) trans-1,2-Dichloroethene	3.362	96	5937	1.89	ug/l	96
17) 1,1-Dichloroethane	3.883	63	11303	1.81	ug/l	99
18) 2-Butanone	4.732	43	8432	8.60	ug/l	95
19) Cyclohexane	5.391	56	11182m	1.79	ug/l	
20) Methylcyclohexane	6.768	83	11175	1.73	ug/l	98
21) 2,2-Dichloropropane	4.678	77	10767	1.80	ug/l	98
22) cis-1,2-Dichloroethene	4.678	96	6354	1.82	ug/l	99
23) Diethyl Ether	2.385	59	4399	1.84	ug/l	98
24) tert-Butyl Alcohol	3.218	59	2884	16.21	ug/l #	72
25) Methyl tert-Butyl Ether	3.379	73	15784	1.82	ug/l	94
26) Bromochloromethane	4.989	128	3051	1.93	ug/l	96
27) Chloroform	5.102	83	11028	1.78	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	10518	1.83	ug/l	99
29) 1,1-Dichloropropene	5.533	75	9347	1.76	ug/l	99
30) Carbon Tetrachloride	5.530	117	9477	1.75	ug/l	98
31) Isopropyl Ether	4.012	45	20711	1.78	ug/l	96
32) Ethyl-t-butyl ether	4.523	59	18833	1.80	ug/l	98
33) Tert-Amyl methyl ether	5.960	73	17005	1.73	ug/l	98
34) Propionitrile	4.803	54	2139	8.57	ug/l #	90
35) Benzene	5.784	78	24817	1.75	ug/l	98
36) 1,2-Dichloroethane	5.806	62	9313	1.82	ug/l	97
37) Trichloroethene	6.552	130	6800	1.79	ug/l	100
38) 1,2-Dichloropropane	6.806	63	7028	1.82	ug/l	94
39) Methacrylonitrile	4.993	41	2523m	1.73	ug/l	
40) Methyl acrylate	4.867	55	3518m	1.79	ug/l	
41) Tetrahydrofuran	5.083	42	2107m	3.38	ug/l	
42) 1-Chlorobutane	5.469	56	13705	1.76	ug/l	97
43) Dibromomethane	6.931	93	3604	1.78	ug/l	98
44) Bromodichloromethane	7.118	83	8878	1.79	ug/l	99

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Jan 30 00:49:14 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U012821DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Jan 29 09:59:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	30166	8.98	ug/l		99
46) t-1,4-Dichloro-2-butene	10.841	75	4460m	4.13	ug/l		
47) Methyl methacrylate	6.980	69	7071	3.38	ug/l		90
48) Ethyl methacrylate	8.349	69	7923	1.79	ug/l		99
49) Toluene	7.976	92	15754	1.79	ug/l		99
50) t-1,3-Dichloropropene	8.221	75	8753	1.73	ug/l		96
51) cis-1,3-Dichloropropene	7.616	75	9862	1.74	ug/l		93
52) 1,1,2-Trichloroethane	8.411	97	5084	1.84	ug/l		94
53) 1,3-Dichloropropane	8.587	76	9085	1.81	ug/l		98
54) 2-Hexanone	8.703	43	21959	9.02	ug/l		97
55) Dibromochloromethane	8.822	129	5918	1.77	ug/l		98
56) 1,2-Dibromoethane	8.935	107	5052	1.84	ug/l		100
58) Tetrachloroethene	8.562	164	6098	1.84	ug/l		97
59) Chlorobenzene	9.456	112	17195	1.79	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.546	131	6221	1.73	ug/l		99
61) Pentachloroethane	11.436	117	4920	1.74	ug/l		99
62) Hexachloroethane	12.484	117	4867	1.74	ug/l		95
63) Ethyl Benzene	9.578	91	30932	1.78	ug/l		98
64) m/p-Xylenes	9.703	106	23354	3.61	ug/l		100
65) o-Xylene	10.108	106	11154	1.75	ug/l		98
66) Styrene	10.124	104	19066	1.78	ug/l		99
67) Bromoform	10.301	173	3707	1.77	ug/l		96
69) Isopropylbenzene	10.494	105	30641	1.78	ug/l		100
70) 1,1,2,2-Tetrachloroethane	10.793	83	6490	1.78	ug/l		97
71) 1,2,3-Trichloropropane	10.838	75	5380m	1.88	ug/l		
72) Bromobenzene	10.790	156	7635	1.76	ug/l		99
73) n-propylbenzene	10.912	120	7962	1.74	ug/l		97
74) 2-Chlorotoluene	10.992	126	7219	1.77	ug/l		97
75) 1,3,5-Trimethylbenzene	11.095	105	26261	1.76	ug/l		99
76) 4-Chlorotoluene	11.108	126	7360	1.78	ug/l		93
77) tert-Butylbenzene	11.430	119	26667	1.80	ug/l		99
78) 1,2,4-Trimethylbenzene	11.475	105	26729	1.78	ug/l		99
79) sec-Butylbenzene	11.652	105	33676	1.77	ug/l		99
80) Nitrobenzene	13.221	77	774	7.60	ug/l	#	77
81) p-Isopropyltoluene	11.803	119	28890	1.79	ug/l		99
82) 1,3-Dichlorobenzene	11.754	146	14850	1.82	ug/l		98
83) 1,4-Dichlorobenzene	11.844	146	14906	1.81	ug/l		99
84) n-Butylbenzene	12.217	91	27240	1.76	ug/l		99
85) 1,2-Dichlorobenzene	12.221	146	13967	1.75	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.008	75	1272	1.71	ug/l		97
87) 1,2,4-Trichlorobenzene	13.851	180	10382	1.70	ug/l		98
88) Hexachlorobutadiene	14.031	225	5965	1.73	ug/l		96
89) Naphthalene	14.098	128	19052	1.66	ug/l		98
90) 1,2,3-Trichlorobenzene	14.340	180	9593	1.72	ug/l		99

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

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