Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060221\
Data File : VU044025.D
Acq On : 02 Jun 2021 13:55
Operator : SY/MD
Sample : VSTDICC0.5
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 03 05:54:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 03 05:52:43 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC0.5

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.124	96	17478	1.000	ug/l		# 0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	5053	0.677	ug/l		0.00
Spiked Amount 1.000			Recovery =	68.000%			
68) 1,2-Dichlorobenzene-d4	12.201	152	5744	0.730	ug/l		0.00
Spiked Amount 1.000			Recovery =	73.000%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.391	85	4025	0.580	ug/l		98
3) Chloromethane	1.526	50	4533	0.676	ug/l		99
4) Vinyl Chloride	1.610	62	4118	0.639	ug/l		99
5) Bromomethane	1.864	94	2890	0.709	ug/l		99
6) Chloroethane	1.941	64	2877	0.679	ug/l		97
7) Trichlorofluoromethane	2.147	101	4593	0.448	ug/l		95
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	2615	0.497	ug/l		99
9) 1,1-Dichloroethene	2.591	96	2443	0.530	ug/l		95
11) Allyl Chloride	2.935	41	3988	0.463	ug/l		91
12) Acrylonitrile	3.330	53	906	0.713	ug/l	#	91
13) Acetone	2.639	43	1669	1.726	ug/l		92
14) Carbon Disulfide	2.803	76	8740	0.595	ug/l		96
15) Methylene Chloride	3.057	84	6256	1.115	ug/l		96
16) trans-1,2-Dichloroethene	3.362	96	2820	0.565	ug/l		95
17) 1,1-Dichloroethane	3.883	63	5212	0.513	ug/l	#	94
18) 2-Butanone	4.739	43	3225	1.798	ug/l		76
19) Cyclohexane	5.391	56	5062m	0.572	ug/l		
20) Methylcyclohexane	6.767	83	3368	0.440	ug/l		93
21) 2,2-Dichloropropane	4.674	77	4307	0.472	ug/l		97
22) cis-1,2-Dichloroethene	4.677	96	2831	0.504	ug/l		94
23) Diethyl Ether	2.388	59	1983	0.511	ug/l		96
25) Methyl tert-Butyl Ether	3.385	73	5892	0.438	ug/l		94
26) Bromochloromethane	4.983	128	1118	0.427	ug/l		94
27) Chloroform	5.099	83	5080	0.484	ug/l		97
28) 1,1,1-Trichloroethane	5.327	97	4271	0.454	ug/l		99
29) 1,1-Dichloropropene	5.529	75	4068	0.586	ug/l		95
30) Carbon Tetrachloride	5.529	117	3705	0.500	ug/l		95
31) Isopropyl Ether	4.021	45	8070	0.451	ug/l		97
32) Ethyl-t-butyl ether	4.526	59	7289	0.457	ug/l		98
33) Tert-Amyl methyl ether	5.964	73	5171	0.441	ug/l		94
34) Propionitrile	4.812	54	592	1.481	ug/l	#	56
35) Benzene	5.780	78	11270	0.575	ug/l		99
36) 1,2-Dichloroethane	5.809	62	3375	0.465	ug/l	#	87
37) Trichloroethene	6.552	130	2601	0.509	ug/l		94
38) 1,2-Dichloropropane	6.803	63	2852	0.513	ug/l		99
39) Methacrylonitrile	4.996	41	920	0.365	ug/l	#	79
40) Methyl acrylate	4.870	55	1419	0.421	ug/l	#	74
41) Tetrahydrofuran	5.089	42	1011	0.793	ug/l	#	64
42) 1-Chlorobutane	5.465	56	5916	0.579	ug/l		99
43) Dibromomethane	6.928	93	1407	0.476	ug/l		98
44) Bromodichloromethane	7.118	83	3528	0.502	ug/l		93
45) 4-Methyl-2-Pentanone	7.816	43	7529	1.764	ug/l	#	91
46) t-1,4-Dichloro-2-butene	10.841	75	1322m	0.946	ug/l		

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) Methyl methacrylate	6.976	69	1976	0.756	ug/l		95
48) Ethyl methacrylate	8.349	69	1775	0.347	ug/l		93
49) Toluene	7.976	92	5221	0.437	ug/l		96
50) t-1,3-Dichloropropene	8.221	75	2912	0.466	ug/l		99
51) cis-1,3-Dichloropropene	7.619	75	3154	0.448	ug/l		93
52) 1,1,2-Trichloroethane	8.410	97	2030	0.489	ug/l		99
53) 1,3-Dichloropropane	8.587	76	3574	0.499	ug/l		96
54) 2-Hexanone	8.706	43	4890	1.616	ug/l		90
55) Dibromochloromethane	8.819	129	2159	0.448	ug/l		91
56) 1,2-Dibromoethane	8.934	107	1782	0.441	ug/l		94
58) Tetrachloroethene	8.562	164	2244	0.411	ug/l		88
59) Chlorobenzene	9.455	112	6073	0.457	ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.542	131	2419	0.472	ug/l		99
61) Pentachloroethane	11.439	117	1995	0.505	ug/l		97
62) Hexachloroethane	12.481	117	1968	0.486	ug/l		93
63) Ethyl Benzene	9.578	91	8401	0.371	ug/l		94
64) m/p-Xylenes	9.703	106	6267	0.714	ug/l		99
65) o-Xylene	10.108	106	2858	0.339	ug/l		91
66) Styrene	10.121	104	4934	0.341	ug/l		100
67) Bromoform	10.301	173	1227	0.404	ug/l	#	90
69) Isopropylbenzene	10.491	105	8006	0.351	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.793	83	2736	0.506	ug/l	#	97
71) 1,2,3-Trichloropropane	10.835	75	1993m	0.468	ug/l		
72) Bromobenzene	10.790	156	2299	0.368	ug/l		96
73) n-propylbenzene	10.915	120	2126	0.333	ug/l		91
74) 2-Chlorotoluene	10.992	126	2030	0.351	ug/l		87
75) 1,3,5-Trimethylbenzene	11.095	105	6288	0.309	ug/l		100
76) 4-Chlorotoluene	11.108	126	2122	0.347	ug/l		96
77) tert-Butylbenzene	11.430	119	7055	0.352	ug/l		95
78) 1,2,4-Trimethylbenzene	11.475	105	6619	0.315	ug/l		97
79) sec-Butylbenzene	11.651	105	9303	0.342	ug/l		97
80) Nitrobenzene	13.220	77	486	3.341	ug/l	#	78
81) p-Isopropyltoluene	11.803	119	7253	0.318	ug/l		98
82) 1,3-Dichlorobenzene	11.754	146	5196	0.414	ug/l		98
83) 1,4-Dichlorobenzene	11.844	146	5081	0.403	ug/l		99
84) n-Butylbenzene	12.217	91	7615	0.348	ug/l		98
85) 1,2-Dichlorobenzene	12.221	146	4903	0.399	ug/l		97
86) 1,2-Dibromo-3-Chloropr...	13.008	75	356	0.367	ug/l		95
87) 1,2,4-Trichlorobenzene	13.847	180	3115	0.387	ug/l		99
88) Hexachlorobutadiene	14.031	225	2083	0.386	ug/l		97
90) 1,2,3-Trichlorobenzene	14.339	180	2851	0.371	ug/l		98

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

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