Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
Data File : VU053780.D
Acq On : 19 Apr 2023 13:32
Operator : JC/MD
Sample : VIBLK
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VIBLK

Quant Time: Apr 20 08:10:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 20 08:05:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.108	96	30259	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	10519	0.954	ug/l	0.00
Spiked Amount 1.000			Recovery = 95.000%			
68) 1,2-Dichlorobenzene-d4	12.192	152	11817	1.027	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.000%			
Target Compounds						Qvalue
3) Chloromethane	1.523	50	411	0.039	ug/l #	41
4) Vinyl Chloride	1.604	62	213	0.019	ug/l	96
5) Bromomethane	1.845	94	732	0.077	ug/l	86
6) Chloroethane	1.951	64	35	0.005	ug/l #	42
7) Trichlorofluoromethane	2.134	101	108	0.006	ug/l #	18
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	20	0.002	ug/l #	22
9) 1,1-Dichloroethene	2.575	96	352	0.044	ug/l	41
10) Iodomethane	2.729	142	346	0.042	ug/l #	83
11) Allyl Chloride	2.996	41	96	0.011	ug/l	91
12) Acrylonitrile	3.308	53	193	0.118	ug/l #	47
14) Carbon Disulfide	2.784	76	854	0.038	ug/l #	1
15) Methylene Chloride	3.044	84	3040	0.160	ug/l #	82
16) trans-1,2-Dichloroethene	3.346	96	355	0.042	ug/l #	49
17) 1,1-Dichloroethane	3.864	63	237	0.015	ug/l #	83
18) 2-Butanone	4.723	43	276	0.085	ug/l	73
19) Cyclohexane	5.372	56	365	0.030	ug/l #	56
20) Methylcyclohexane	6.764	83	344	0.023	ug/l #	57
21) 2,2-Dichloropropane	4.652	77	70	0.005	ug/l #	53
22) cis-1,2-Dichloroethene	4.665	96	273	0.030	ug/l	69
26) Bromochloromethane	4.973	128	21	0.005	ug/l #	59
27) Chloroform	5.083	83	375	0.023	ug/l	81
28) 1,1,1-Trichloroethane	5.305	97	120	0.009	ug/l	86
29) 1,1-Dichloropropene	5.520	75	247	0.022	ug/l #	63
30) Carbon Tetrachloride	5.314	117	41	0.004	ug/l #	12
31) Isopropyl Ether	3.986	45	440	0.020	ug/l	91
33) Tert-Amyl methyl ether	6.115	73	416	0.022	ug/l #	49
34) Propionitrile	4.768	54	21	0.038	ug/l #	1
35) Benzene	5.774	78	1202	0.036	ug/l #	85
36) 1,2-Dichloroethane	5.777	62	121	0.012	ug/l #	75
37) Trichloroethene	6.533	130	345	0.040	ug/l	99
38) 1,2-Dichloropropane	6.800	63	42	0.005	ug/l #	44
39) Methacrylonitrile	4.960	41	235	0.104	ug/l #	23
40) Methyl acrylate	4.854	55	334	0.081	ug/l #	70
42) 1-Chlorobutane	5.372	56	365	0.024	ug/l	73
44) Bromodichloromethane	7.108	83	150	0.014	ug/l #	24
46) t-1,4-Dichloro-2-butene	10.828	75	380	0.160	ug/l #	17
47) Methyl methacrylate	6.970	69	71	0.018	ug/l #	37
48) Ethyl methacrylate	8.337	69	280	0.037	ug/l #	52
49) Toluene	7.967	92	1282	0.062	ug/l	93
50) t-1,3-Dichloropropene	8.211	75	169	0.017	ug/l #	43
51) cis-1,3-Dichloropropene	7.610	75	152	0.013	ug/l #	38
52) 1,1,2-Trichloroethane	8.398	97	85	0.014	ug/l #	16
53) 1,3-Dichloropropane	8.587	76	181	0.017	ug/l #	42

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Apr 20 08:05:37 2023
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
56) 1,2-Dibromoethane	8.925	107	90	0.016	ug/l		55
58) Tetrachloroethene	8.552	164	612	0.076	ug/l		93
59) Chlorobenzene	9.449	112	2448	0.105	ug/l		95
60) 1,1,1,2-Tetrachloroethane	9.533	131	87	0.012	ug/l	#	21
61) Pentachloroethane	11.426	117	267	0.050	ug/l	#	14
63) Ethyl Benzene	9.571	91	2992	0.074	ug/l		94
64) m/p-Xylenes	9.693	106	2055	0.132	ug/l		85
65) o-Xylene	10.099	106	1068	0.070	ug/l		91
66) Styrene	10.115	104	2023	0.086	ug/l		99
67) Bromoform	10.285	173	70	0.023	ug/l	#	36
69) Isopropylbenzene	10.481	105	2485	0.062	ug/l		95
70) 1,1,2,2-Tetrachloroethane	10.780	83	279	0.037	ug/l	#	90
71) 1,2,3-Trichloropropane	10.828	75	380	0.066	ug/l	#	1
72) Bromobenzene	10.787	156	1166	0.134	ug/l		94
73) n-propylbenzene	10.909	120	972	0.090	ug/l		81
74) 2-Chlorotoluene	10.983	126	697	0.074	ug/l		51
75) 1,3,5-Trimethylbenzene	11.089	105	1974	0.058	ug/l		94
76) 4-Chlorotoluene	11.098	126	990	0.101	ug/l		81
77) tert-Butylbenzene	11.417	119	2354	0.073	ug/l		86
78) 1,2,4-Trimethylbenzene	11.471	105	2895	0.083	ug/l		96
79) sec-Butylbenzene	11.639	105	4304	0.094	ug/l		95

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

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