Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090624\
Data File : VU060642.D
Acq On : 06 Sep 2024 13:33
Operator : MD/SY
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Quant Time: Sep 07 00:37:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U090624DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sat Sep 07 00:33:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.110	96	39343	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15178	1.130	ug/l	0.00
Spiked Amount 1.000			Recovery = 113.000%			
68) 1,2-Dichlorobenzene-d4	12.187	152	14966	1.034	ug/l	0.00
Spiked Amount 1.000			Recovery = 103.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	177787	11.482	ug/l	100
3) Chloromethane	1.518	50	168750	9.764	ug/l	100
4) Vinyl Chloride	1.602	62	170586	9.926	ug/l	100
5) Bromomethane	1.856	94	107253	10.103	ug/l	100
6) Chloroethane	1.930	64	96643	9.387	ug/l	100
7) Trichlorofluoromethane	2.136	101	241829	11.351	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	106694	9.536	ug/l	100
9) 1,1-Dichloroethene	2.576	96	110175	9.473	ug/l	100
10) Iodomethane	2.718	142	154046	9.096	ug/l	100
11) Allyl Chloride	2.917	41	145068	9.187	ug/l	100
12) Acrylonitrile	3.325	53	50482m	16.785	ug/l	
13) Acetone	2.650	43	191850	48.766	ug/l	100
14) Carbon Disulfide	2.788	76	362327	9.251	ug/l	100
15) Methylene Chloride	3.039	84	128039	8.852	ug/l	100
16) trans-1,2-Dichloroethene	3.348	96	118312	9.531	ug/l	100
17) 1,1-Dichloroethane	3.862	63	222155	9.311	ug/l	100
18) 2-Butanone	4.711	43	224396	50.591	ug/l	100
19) Cyclohexane	5.380	56	192586m	9.407	ug/l	
20) Methylcyclohexane	6.756	83	198101	11.914	ug/l	100
21) 2,2-Dichloropropane	4.656	77	184313	9.795	ug/l	100
22) cis-1,2-Dichloroethene	4.660	96	126694	9.525	ug/l	100
23) Diethyl Ether	2.374	59	88782	9.384	ug/l	100
24) tert-Butyl Alcohol	3.258	59	83974m	73.177	ug/l	
25) Methyl tert-Butyl Ether	3.357	73	261528	9.193	ug/l	100
26) Bromochloromethane	4.968	128	56544	9.927	ug/l	100
27) Chloroform	5.078	83	225713	9.593	ug/l	100
28) 1,1,1-Trichloroethane	5.309	97	205372	10.364	ug/l	100
29) 1,1-Dichloropropene	5.518	75	170349	10.696	ug/l	100
30) Carbon Tetrachloride	5.518	117	185179	11.300	ug/l	100
31) Isopropyl Ether	3.981	45	300902	8.737	ug/l	100
32) Ethyl-t-butyl ether	4.492	59	299411	8.949	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	269526	11.016	ug/l	100
34) Propionitrile	4.804	54	48759m	40.302	ug/l	
35) Benzene	5.766	78	490543	10.167	ug/l	100
36) 1,2-Dichloroethane	5.785	62	143218	10.499	ug/l	100
37) Trichloroethene	6.534	130	126650	10.511	ug/l	100
38) 1,2-Dichloropropane	6.782	63	131133	10.065	ug/l	100
39) Methacrylonitrile	4.972	41	32767	7.576	ug/l	100
40) Methyl acrylate	4.843	55	64343m	8.367	ug/l	
41) Tetrahydrofuran	5.062	42	35153	14.799	ug/l	100
42) 1-Chlorobutane	5.451	56	225111	10.340	ug/l	100
43) Dibromomethane	6.914	93	63796	9.672	ug/l	100
44) Bromodichloromethane	7.097	83	162351	10.179	ug/l	100

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Sat Sep 07 00:33:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.785	43	338138	53.876	ug/l	100
46) t-1,4-Dichloro-2-butene	10.823	75	71444m	20.535	ug/l	
47) Methyl methacrylate	6.955	69	114304	21.386	ug/l	100
48) Ethyl methacrylate	8.328	69	106460	11.587	ug/l	100
49) Toluene	7.962	92	302290	11.290	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	150277	11.321	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	176624	11.077	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	88204	9.185	ug/l	100
53) 1,3-Dichloropropane	8.569	76	155133	10.035	ug/l	100
54) 2-Hexanone	8.679	43	319354	63.044	ug/l	100
55) Dibromochloromethane	8.801	129	112693	10.497	ug/l	100
56) 1,2-Dibromoethane	8.917	107	81339	9.451	ug/l	100
58) Tetrachloroethene	8.547	164	123410	11.308	ug/l	100
59) Chlorobenzene	9.441	112	328802	11.233	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	117937	10.274	ug/l	100
61) Pentachloroethane	11.418	117	91963	9.560	ug/l	100
62) Hexachloroethane	12.466	117	95224	10.154	ug/l	100
63) Ethyl Benzene	9.563	91	569704	12.429	ug/l	100
64) m/p-Xylenes	9.685	106	456263	25.133	ug/l	100
65) o-Xylene	10.094	106	217607	12.437	ug/l	100
66) Styrene	10.106	104	353999	12.269	ug/l	100
67) Bromoform	10.283	173	63473	10.110	ug/l	100
69) Isopropylbenzene	10.476	105	563483	12.593	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	111021	8.764	ug/l	100
71) 1,2,3-Trichloropropane	10.817	75	96059m	10.337	ug/l	
72) Bromobenzene	10.775	156	133040	11.142	ug/l	100
73) n-propylbenzene	10.897	120	156184	12.557	ug/l	100
74) 2-Chlorotoluene	10.978	126	138072	11.886	ug/l	100
75) 1,3,5-Trimethylbenzene	11.081	105	499282	12.794	ug/l	100
76) 4-Chlorotoluene	11.090	126	144642	11.989	ug/l	100
77) tert-Butylbenzene	11.412	119	464564	12.194	ug/l	100
78) 1,2,4-Trimethylbenzene	11.460	105	515467	12.932	ug/l	100
79) sec-Butylbenzene	11.637	105	619783	12.284	ug/l	100
80) Nitrobenzene	13.206	77	18562	34.559	ug/l	100
81) p-Isopropyltoluene	11.785	119	528461	12.879	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	273267	11.022	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	273642	11.144	ug/l	100
84) n-Butylbenzene	12.203	91	492809	12.429	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	257108	10.742	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.990	75	17348	9.352	ug/l	100
87) 1,2,4-Trichlorobenzene	13.833	180	154000	11.227	ug/l	100
88) Hexachlorobutadiene	14.013	225	101397	11.326	ug/l	100
89) Naphthalene	14.080	128	229486	9.740	ug/l	100
90) 1,2,3-Trichlorobenzene	14.322	180	136673	10.400	ug/l	100

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

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