Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU073024\
Data File : VU060268.D
Acq On : 30 Jul 2024 16:52
Operator : MD/SY
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Jul 31 04:35:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U073024DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 31 04:32:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.107	96	49622	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	17033	1.018	ug/l	0.00
Spiked Amount 1.000			Recovery = 102.000%			
68) 1,2-Dichlorobenzene-d4	12.190	152	18106	1.008	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	82496	4.640	ug/l	100
3) Chloromethane	1.522	50	96992	4.534	ug/l	98
4) Vinyl Chloride	1.602	62	97237	4.697	ug/l	97
5) Bromomethane	1.846	94	57008	4.526	ug/l	98
6) Chloroethane	1.927	64	57326	4.605	ug/l	99
7) Trichlorofluoromethane	2.132	101	108917	4.655	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	61501	4.705	ug/l	98
9) 1,1-Dichloroethene	2.573	96	61440	4.612	ug/l	94
10) Iodomethane	2.714	142	78871	4.860	ug/l	99
11) Allyl Chloride	2.917	41	90624	4.703	ug/l	99
12) Acrylonitrile	3.309	53	32667	8.711	ug/l	90
13) Acetone	2.621	43	89781	24.547	ug/l	97
14) Carbon Disulfide	2.785	76	219651	4.668	ug/l	99
15) Methylene Chloride	3.036	84	82960	4.461	ug/l	97
16) trans-1,2-Dichloroethene	3.341	96	69720	4.745	ug/l	99
17) 1,1-Dichloroethane	3.859	63	133900	4.748	ug/l	99
18) 2-Butanone	4.711	43	118833	22.898	ug/l	99
19) Cyclohexane	5.370	56	119527m	4.689	ug/l	
20) Methylcyclohexane	6.753	83	94820	4.720	ug/l	98
21) 2,2-Dichloropropane	4.653	77	99872	4.762	ug/l	100
22) cis-1,2-Dichloroethene	4.657	96	73323	4.636	ug/l	98
23) Diethyl Ether	2.374	59	52061	4.565	ug/l	98
24) tert-Butyl Alcohol	3.184	59	59768	45.758	ug/l	99
25) Methyl tert-Butyl Ether	3.361	73	158355	4.631	ug/l	98
26) Bromochloromethane	4.965	128	29447	4.627	ug/l	99
27) Chloroform	5.078	83	127604	4.668	ug/l	98
28) 1,1,1-Trichloroethane	5.303	97	106791	4.740	ug/l	99
29) 1,1-Dichloropropene	5.512	75	86131	4.713	ug/l	100
30) Carbon Tetrachloride	5.509	117	85826	4.695	ug/l	97
31) Isopropyl Ether	3.994	45	201004	4.737	ug/l	100
32) Ethyl-t-butyl ether	4.505	59	190723	4.800	ug/l	99
33) Tert-Amyl methyl ether	5.946	73	133794	4.704	ug/l	99
34) Propionitrile	4.779	54	33878	22.909	ug/l	99
35) Benzene	5.763	78	271636	4.786	ug/l	99
36) 1,2-Dichloroethane	5.788	62	75878	4.630	ug/l	97
37) Trichloroethene	6.534	130	64442	4.604	ug/l	99
38) 1,2-Dichloropropane	6.785	63	76477	4.844	ug/l	99
39) Methacrylonitrile	4.975	41	25387	4.471	ug/l	98
40) Methyl acrylate	4.849	55	43005	4.611	ug/l	99
41) Tetrahydrofuran	5.065	42	26950	9.135	ug/l	98
42) 1-Chlorobutane	5.444	56	120641	4.686	ug/l	100
43) Dibromomethane	6.914	93	37162	4.753	ug/l	96
44) Bromodichloromethane	7.100	83	89041	4.765	ug/l	94

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Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Jul 31 04:35:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U073024DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Jul 31 04:32:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.795	43	190682	24.235	ug/l		98
46) t-1,4-Dichloro-2-butene	10.830	75	31100m	9.439	ug/l		
47) Methyl methacrylate	6.968	69	66943	9.797	ug/l		98
48) Ethyl methacrylate	8.335	69	55637	4.643	ug/l		98
49) Toluene	7.965	92	158577	5.036	ug/l		98
50) t-1,3-Dichloropropene	8.206	75	73761	4.685	ug/l		96
51) cis-1,3-Dichloropropene	7.605	75	89104	4.747	ug/l		99
52) 1,1,2-Trichloroethane	8.396	97	54495	4.824	ug/l		97
53) 1,3-Dichloropropane	8.573	76	89302	4.808	ug/l		99
54) 2-Hexanone	8.689	43	143805	24.488	ug/l		96
55) Dibromochloromethane	8.804	129	59156	4.769	ug/l		99
56) 1,2-Dibromoethane	8.920	107	48480	4.758	ug/l		100
58) Tetrachloroethene	8.547	164	64511	4.863	ug/l		99
59) Chlorobenzene	9.444	112	162040	4.794	ug/l		98
60) 1,1,1,2-Tetrachloroethane	9.528	131	61768	4.752	ug/l		98
61) Pentachloroethane	11.422	117	49384	4.790	ug/l		95
62) Hexachloroethane	12.470	117	48925	4.770	ug/l		98
63) Ethyl Benzene	9.566	91	268771	4.672	ug/l		99
64) m/p-Xylenes	9.688	106	222994	9.390	ug/l		100
65) o-Xylene	10.097	106	102628	4.678	ug/l		99
66) Styrene	10.110	104	174483	4.650	ug/l		99
67) Bromoform	10.287	173	33941	4.642	ug/l		98
69) Isopropylbenzene	10.479	105	264485	4.725	ug/l		99
70) 1,1,2,2-Tetrachloroethane	10.778	83	71981	4.754	ug/l		100
71) 1,2,3-Trichloropropane	10.820	75	50876m	4.641	ug/l		
72) Bromobenzene	10.778	156	66872	4.877	ug/l		98
73) n-propylbenzene	10.901	120	72464	4.710	ug/l		99
74) 2-Chlorotoluene	10.981	126	70158	5.121	ug/l		95
75) 1,3,5-Trimethylbenzene	11.084	105	237891	4.749	ug/l		99
76) 4-Chlorotoluene	11.094	126	71640	4.687	ug/l		99
77) tert-Butylbenzene	11.415	119	216086	4.760	ug/l		99
78) 1,2,4-Trimethylbenzene	11.463	105	236723	4.683	ug/l		99
79) sec-Butylbenzene	11.640	105	301027	4.704	ug/l		100
80) Nitrobenzene	13.209	77	15396	21.861	ug/l	#	97
81) p-Isopropyltoluene	11.788	119	236135	4.686	ug/l		99
82) 1,3-Dichlorobenzene	11.740	146	137163	4.941	ug/l		97
83) 1,4-Dichlorobenzene	11.830	146	135370	4.943	ug/l		99
84) n-Butylbenzene	12.206	91	206166	4.664	ug/l		98
85) 1,2-Dichlorobenzene	12.206	146	132161	4.904	ug/l		98
86) 1,2-Dibromo-3-Chloropr...	12.991	75	9914	4.642	ug/l		95
87) 1,2,4-Trichlorobenzene	13.836	180	65039	4.607	ug/l		100
88) Hexachlorobutadiene	14.016	225	42398	4.564	ug/l		99
89) Naphthalene	14.084	128	110863	4.765	ug/l		99
90) 1,2,3-Trichlorobenzene	14.325	180	64742	4.646	ug/l		99

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

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