Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050352.D
Acq On : 17 Aug 2022 10:49
Operator : SY/MD
Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Aug 17 11:54:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 17 11:51:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.112	96	40986	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	14994	0.999	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	16349	1.183	ug/l	0.00
Spiked Amount 1.000			Recovery = 118.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	77923	4.964	ug/l	98
3) Chloromethane	1.520	50	94941	5.914	ug/l	99
4) Vinyl Chloride	1.604	62	87531	5.980	ug/l	100
5) Bromomethane	1.858	94	36101	4.729	ug/l	95
6) Chloroethane	1.935	64	53741	6.556	ug/l	99
7) Trichlorofluoromethane	2.141	101	99463	5.670	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	53638	5.818	ug/l	95
9) 1,1-Dichloroethene	2.581	96	57427	6.180	ug/l	98
10) Iodomethane	2.723	142	56811	4.819	ug/l	100
11) Allyl Chloride	2.925	41	93641	5.909	ug/l	96
12) Acrylonitrile	3.334	53	37197	14.971	ug/l	96
13) Acetone	2.642	43	64741	33.023	ug/l	95
14) Carbon Disulfide	2.793	76	189982	6.209	ug/l	100
15) Methylene Chloride	3.051	84	73279	6.297	ug/l	95
16) trans-1,2-Dichloroethene	3.359	96	65341	6.695	ug/l	95
17) 1,1-Dichloroethane	3.880	63	125939	6.241	ug/l	98
18) 2-Butanone	4.742	43	108737	32.540	ug/l	100
19) Cyclohexane	5.362	56	87430m	4.533	ug/l	
20) Methylcyclohexane	6.777	83	70573	3.712	ug/l	96
21) 2,2-Dichloropropane	4.665	77	98376	5.957	ug/l	98
22) cis-1,2-Dichloroethene	4.668	96	69807	5.800	ug/l	97
23) Diethyl Ether	2.379	59	52253	6.600	ug/l #	83
24) tert-Butyl Alcohol	3.247	59	71500	79.162	ug/l	99
25) Methyl tert-Butyl Ether	3.382	73	163492	6.292	ug/l	96
26) Bromochloromethane	4.967	128	27820	5.490	ug/l	92
27) Chloroform	5.083	83	123204	6.204	ug/l	95
28) 1,1,1-Trichloroethane	5.298	97	100540	5.741	ug/l	99
29) 1,1-Dichloropropene	5.507	75	78279	5.005	ug/l	98
30) Carbon Tetrachloride	5.504	117	77044	5.224	ug/l	99
31) Isopropyl Ether	4.018	45	195869	5.659	ug/l	95
32) Ethyl-t-butyl ether	4.526	59	166370	5.079	ug/l	99
33) Tert-Amyl methyl ether	5.957	73	116130	4.077	ug/l	97
34) Propionitrile	4.813	54	36187	37.766	ug/l #	95
35) Benzene	5.761	78	252445	5.665	ug/l	99
36) 1,2-Dichloroethane	5.793	62	78061	6.160	ug/l	99
37) Trichloroethene	6.549	130	59635	5.295	ug/l	99
38) 1,2-Dichloropropane	6.816	63	70506	5.976	ug/l	97
39) Methacrylonitrile	4.989	41	25722	6.266	ug/l	97
40) Methyl acrylate	4.864	55	42230	6.568	ug/l	100
41) Tetrahydrofuran	5.079	42	26951	11.105	ug/l	98
42) 1-Chlorobutane	5.443	56	119162	5.433	ug/l	97
43) Dibromomethane	6.938	93	37505	6.380	ug/l	97
44) Bromodichloromethane	7.124	83	87323	6.197	ug/l	98

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Sample : VSTDICC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

Quant Time: Aug 17 11:54:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 17 11:51:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.819	43	207830	26.048	ug/l	99
46) t-1,4-Dichloro-2-butene	10.835	75	28920m	11.138	ug/l	
47) Methyl methacrylate	6.993	69	63449	10.703	ug/l	93
48) Ethyl methacrylate	8.349	69	55910	4.701	ug/l	93
49) Toluene	7.983	92	150198	5.519	ug/l	98
50) t-1,3-Dichloropropene	8.224	75	73154	5.375	ug/l	96
51) cis-1,3-Dichloropropene	7.623	75	83962	5.206	ug/l	96
52) 1,1,2-Trichloroethane	8.414	97	56634	6.980	ug/l	98
53) 1,3-Dichloropropane	8.587	76	90476	6.213	ug/l	99
54) 2-Hexanone	8.703	43	144772	26.126	ug/l	99
55) Dibromochloromethane	8.819	129	58793	6.344	ug/l	96
56) 1,2-Dibromoethane	8.935	107	50099	6.377	ug/l	99
58) Tetrachloroethene	8.562	164	56313	6.013	ug/l	99
59) Chlorobenzene	9.452	112	155875	5.475	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.539	131	60775	6.001	ug/l	99
61) Pentachloroethane	11.430	117	52318	6.729	ug/l	93
62) Hexachloroethane	12.475	117	39755	5.105	ug/l	100
63) Ethyl Benzene	9.574	91	249867	4.876	ug/l	99
64) m/p-Xylenes	9.700	106	209439	11.049	ug/l	98
65) o-Xylene	10.105	106	96652	5.188	ug/l	98
66) Styrene	10.118	104	166669	5.568	ug/l	97
67) Bromoform	10.295	173	34728	6.567	ug/l	98
69) Isopropylbenzene	10.488	105	242900	4.881	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.787	83	74074	7.028	ug/l	96
71) 1,2,3-Trichloropropane	10.825	75	57987m	6.645	ug/l	
72) Bromobenzene	10.783	156	66419	5.923	ug/l	97
73) n-propylbenzene	10.909	120	64142	5.108	ug/l	97
74) 2-Chlorotoluene	10.989	126	66207	5.913	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	226696	5.450	ug/l	97
76) 4-Chlorotoluene	11.102	126	68621	6.111	ug/l	88
77) tert-Butylbenzene	11.423	119	206551	5.043	ug/l	96
78) 1,2,4-Trimethylbenzene	11.468	105	241124	5.774	ug/l	98
79) sec-Butylbenzene	11.645	105	281253	5.235	ug/l	100
80) Nitrobenzene	13.211	77	23425	54.325	ug/l	99
81) p-Isopropyltoluene	11.793	119	229659	5.269	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	139709	6.441	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	140668	6.426	ug/l	98
84) n-Butylbenzene	12.211	91	211069	5.200	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	136741	6.507	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.996	75	12157	6.614	ug/l	96
87) 1,2,4-Trichlorobenzene	13.841	180	77489	5.466	ug/l	98
88) Hexachlorobutadiene	14.021	225	45177	6.253	ug/l	98
89) Naphthalene	14.089	128	159365	5.361	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	81457	6.017	ug/l	98

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

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

Instrument :
MSVOA_U
ClientSampleId :
VSTDICC005

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