Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050359.D
Acq On : 17 Aug 2022 17:34
Operator : SY/MD
Sample : VU0817WBS01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0817WBS01

Quant Time: Aug 18 06:08:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 18 06:06:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.105	96	36556	1.000	ug/l	#-0.02
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	11973	0.952	ug/l	0.00
Spiked Amount 1.000			Recovery =	95.000%		
68) 1,2-Dichlorobenzene-d4	12.195	152	13979	0.937	ug/l	0.00
Spiked Amount 1.000			Recovery =	94.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	22404	1.564	ug/l	99
3) Chloromethane	1.520	50	35781	2.080	ug/l	98
4) Vinyl Chloride	1.604	62	30215	1.947	ug/l	96
5) Bromomethane	1.858	94	15324	2.278	ug/l	100
6) Chloroethane	1.935	64	19486	2.038	ug/l	98
7) Trichlorofluoromethane	2.137	101	31762	1.739	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	15860	1.607	ug/l	97
9) 1,1-Dichloroethene	2.584	96	20059	1.958	ug/l	90
10) Iodomethane	2.726	142	19718	2.036	ug/l	99
11) Allyl Chloride	2.928	41	34909	2.075	ug/l	93
12) Acrylonitrile	3.334	53	13552	3.995	ug/l	94
13) Acetone	2.642	43	18619	6.112	ug/l	97
14) Carbon Disulfide	2.797	76	65205	1.859	ug/l	100
15) Methylene Chloride	3.051	84	37118	1.788	ug/l	93
16) trans-1,2-Dichloroethene	3.356	96	22900	2.023	ug/l	96
17) 1,1-Dichloroethane	3.877	63	46918	2.125	ug/l	98
18) 2-Butanone	4.742	43	36294	10.075	ug/l	99
19) Cyclohexane	5.356	56	26254m	1.961	ug/l	
20) Methylcyclohexane	6.790	83	17549	1.359	ug/l	95
21) 2,2-Dichloropropane	4.661	77	35873	2.192	ug/l	97
22) cis-1,2-Dichloroethene	4.668	96	25523	2.131	ug/l	94
23) Diethyl Ether	2.379	59	18936	1.907	ug/l	97
24) tert-Butyl Alcohol	3.237	59	18383	14.362	ug/l	98
25) Methyl tert-Butyl Ether	3.385	73	60768	2.090	ug/l	97
26) Bromochloromethane	4.964	128	10676	1.975	ug/l	93
27) Chloroform	5.076	83	45140	2.065	ug/l	99
28) 1,1,1-Trichloroethane	5.292	97	36542	2.147	ug/l	99
29) 1,1-Dichloropropene	5.497	75	28524	2.137	ug/l	96
30) Carbon Tetrachloride	5.494	117	28204	2.031	ug/l	99
31) Isopropyl Ether	4.018	45	73470	2.233	ug/l	95
32) Ethyl-t-butyl ether	4.523	59	61769	2.335	ug/l	100
33) Tert-Amyl methyl ether	5.954	73	39945	2.170	ug/l	98
34) Propionitrile	4.809	54	11965	9.956	ug/l #	95
35) Benzene	5.751	78	92474	2.118	ug/l	97
36) 1,2-Dichloroethane	5.787	62	29209	2.123	ug/l	100
37) Trichloroethene	6.562	130	21548	2.023	ug/l	97
38) 1,2-Dichloropropane	6.829	63	24691	2.027	ug/l	95
39) Methacrylonitrile	4.989	41	9939	2.574	ug/l #	94
40) Methyl acrylate	4.864	55	14785	2.192	ug/l	99
41) Tetrahydrofuran	5.079	42	8720	4.015	ug/l	93
42) 1-Chlorobutane	5.436	56	40922	2.183	ug/l	99
43) Dibromomethane	6.951	93	14095	2.102	ug/l	98
44) Bromodichloromethane	7.137	83	31536	2.042	ug/l #	96

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
45) 4-Methyl-2-Pentanone	7.825	43	64655	8.810	ug/l		97
46) t-1,4-Dichloro-2-butene	10.835	75	10471m	4.332	ug/l		
47) Methyl methacrylate	7.002	69	19530	3.613	ug/l		94
48) Ethyl methacrylate	8.356	69	17376	1.898	ug/l		96
49) Toluene	7.989	92	46775	1.898	ug/l		96
50) t-1,3-Dichloropropene	8.230	75	24527	1.920	ug/l		90
51) cis-1,3-Dichloropropene	7.632	75	27757	1.920	ug/l		97
52) 1,1,2-Trichloroethane	8.420	97	20336	2.031	ug/l		97
53) 1,3-Dichloropropane	8.594	76	31425	2.028	ug/l		99
54) 2-Hexanone	8.710	43	44953	9.009	ug/l		93
55) Dibromochloromethane	8.825	129	21017	1.975	ug/l		97
56) 1,2-Dibromoethane	8.938	107	17871	2.066	ug/l		99
58) Tetrachloroethene	8.568	164	19343	1.927	ug/l		93
59) Chlorobenzene	9.459	112	52204	1.952	ug/l		99
60) 1,1,1,2-Tetrachloroethane	9.546	131	22505	2.069	ug/l		96
61) Pentachloroethane	11.430	117	17740	1.998	ug/l		91
62) Hexachloroethane	12.475	117	13416	1.803	ug/l		100
63) Ethyl Benzene	9.581	91	73271	1.839	ug/l		97
64) m/p-Xylenes	9.703	106	55899	3.514	ug/l		96
65) o-Xylene	10.108	106	28000	1.821	ug/l		99
66) Styrene	10.121	104	44912	1.787	ug/l		98
67) Bromoform	10.298	173	12262	2.012	ug/l		98
69) Isopropylbenzene	10.488	105	68627	1.808	ug/l		98
70) 1,1,2,2-Tetrachloroethane	10.787	83	27983	2.062	ug/l		99
71) 1,2,3-Trichloropropane	10.828	75	12772m	1.319	ug/l		
72) Bromobenzene	10.790	156	21688	1.940	ug/l		96
73) n-propylbenzene	10.912	120	16895	1.731	ug/l		99
74) 2-Chlorotoluene	10.989	126	18919	1.819	ug/l		95
75) 1,3,5-Trimethylbenzene	11.092	105	58957	1.748	ug/l		99
76) 4-Chlorotoluene	11.102	126	18061	1.712	ug/l		98
77) tert-Butylbenzene	11.423	119	60265	1.816	ug/l		96
78) 1,2,4-Trimethylbenzene	11.471	105	60524	1.680	ug/l		97
79) sec-Butylbenzene	11.648	105	72728	1.689	ug/l		99
80) Nitrobenzene	13.214	77	7573	9.058	ug/l	#	96
81) p-Isopropyltoluene	11.796	119	58193	0.939	ug/l		98
82) 1,3-Dichlorobenzene	11.748	146	42340	1.809	ug/l		97
83) 1,4-Dichlorobenzene	11.841	146	43048	1.787	ug/l		94
84) n-Butylbenzene	12.211	91	51674	1.609	ug/l		95
85) 1,2-Dichlorobenzene	12.214	146	41815	1.794	ug/l		99
86) 1,2-Dibromo-3-Chloropr...	13.002	75	4060	1.860	ug/l		92
87) 1,2,4-Trichlorobenzene	13.844	180	20623	1.601	ug/l		97
88) Hexachlorobutadiene	14.021	225	13106	1.539	ug/l		98
89) Naphthalene	14.089	128	42199	1.928	ug/l		100
90) 1,2,3-Trichlorobenzene	14.333	180	21189	1.602	ug/l		98

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

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