Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050360.D
Acq On : 17 Aug 2022 18:02
Operator : SY/MD
Sample : VU0817WBSD01
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0817WBSD01

Quant Time: Aug 18 06:09:27 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	6.108	96	39699	1.000	ug/l	#-0.01
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	11862	0.869	ug/l	0.00
Spiked Amount 1.000			Recovery = 87.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	14816	0.914	ug/l	0.00
Spiked Amount 1.000			Recovery = 91.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	27672	1.778	ug/l	94
3) Chloromethane	1.520	50	34258	1.834	ug/l	95
4) Vinyl Chloride	1.604	62	31786	1.886	ug/l	99
5) Bromomethane	1.858	94	14788	2.024	ug/l	98
6) Chloroethane	1.935	64	19948	1.921	ug/l	98
7) Trichlorofluoromethane	2.137	101	36683	1.849	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	18913	1.764	ug/l	99
9) 1,1-Dichloroethene	2.578	96	20593	1.851	ug/l	99
10) Iodomethane	2.723	142	18492	1.758	ug/l	98
11) Allyl Chloride	2.928	41	30917	1.692	ug/l	97
12) Acrylonitrile	3.337	53	12093	3.282	ug/l	95
13) Acetone	2.636	43	17475	4.839	ug/l	90
14) Carbon Disulfide	2.793	76	68305	1.793	ug/l	100
15) Methylene Chloride	3.054	84	37886	1.681	ug/l	93
16) trans-1,2-Dichloroethene	3.362	96	22652	1.842	ug/l	96
17) 1,1-Dichloroethane	3.887	63	45371	1.892	ug/l	97
18) 2-Butanone	4.748	43	31886	8.150	ug/l	98
19) Cyclohexane	5.362	56	32335m	2.224	ug/l	
20) Methylcyclohexane	6.790	83	22569	1.609	ug/l	97
21) 2,2-Dichloropropane	4.671	77	34645	1.950	ug/l	95
22) cis-1,2-Dichloroethene	4.674	96	25271	1.943	ug/l	99
23) Diethyl Ether	2.379	59	18451	1.711	ug/l	98
24) tert-Butyl Alcohol	3.231	59	14413	10.369	ug/l #	83
25) Methyl tert-Butyl Ether	3.388	73	58459	1.851	ug/l	97
26) Bromochloromethane	4.976	128	10238	1.744	ug/l	91
27) Chloroform	5.086	83	44283	1.865	ug/l	97
28) 1,1,1-Trichloroethane	5.298	97	37786	2.045	ug/l	98
29) 1,1-Dichloropropene	5.501	75	27793	1.918	ug/l	98
30) Carbon Tetrachloride	5.497	117	30031	1.992	ug/l	96
31) Isopropyl Ether	4.028	45	68425	1.915	ug/l	96
32) Ethyl-t-butyl ether	4.533	59	58031	2.020	ug/l	97
33) Tert-Amyl methyl ether	5.957	73	36737	1.838	ug/l	97
34) Propionitrile	4.816	54	8164	6.256	ug/l #	92
35) Benzene	5.755	78	93216	1.966	ug/l	98
36) 1,2-Dichloroethane	5.790	62	27874	1.865	ug/l	99
37) Trichloroethene	6.558	130	21033	1.818	ug/l	95
38) 1,2-Dichloropropane	6.829	63	24412	1.846	ug/l	99
39) Methacrylonitrile	4.993	41	8016	1.912	ug/l	91
40) Methyl acrylate	4.870	55	13402	1.830	ug/l	98
41) Tetrahydrofuran	5.089	42	8099	3.434	ug/l	94
42) 1-Chlorobutane	5.439	56	40764	2.003	ug/l	97
43) Dibromomethane	6.951	93	12793	1.756	ug/l	97
44) Bromodichloromethane	7.137	83	30816	1.837	ug/l	99

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Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.828	43	61823	7.757	ug/l	95
46) t-1,4-Dichloro-2-butene	10.844	75	6081m	2.317	ug/l	
47) Methyl methacrylate	7.005	69	18173	3.096	ug/l	94
48) Ethyl methacrylate	8.359	69	16287	1.691	ug/l	95
49) Toluene	7.989	92	46451	1.736	ug/l	97
50) t-1,3-Dichloropropene	8.234	75	22941	1.654	ug/l	95
51) cis-1,3-Dichloropropene	7.632	75	26675	1.699	ug/l	91
52) 1,1,2-Trichloroethane	8.420	97	19226	1.768	ug/l	97
53) 1,3-Dichloropropane	8.594	76	29014	1.724	ug/l	100
54) 2-Hexanone	8.713	43	41442	7.648	ug/l	94
55) Dibromochloromethane	8.825	129	21123	1.828	ug/l	96
56) 1,2-Dibromoethane	8.941	107	16890	1.798	ug/l	100
58) Tetrachloroethene	8.568	164	20446	1.875	ug/l	97
59) Chlorobenzene	9.459	112	51061	1.759	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.545	131	20095	1.701	ug/l	96
61) Pentachloroethane	11.433	117	17500	1.815	ug/l	89
62) Hexachloroethane	12.478	117	13031	1.612	ug/l	97
63) Ethyl Benzene	9.581	91	73237	1.727	ug/l	99
64) m/p-Xylenes	9.703	106	55051	3.261	ug/l	100
65) o-Xylene	10.108	106	28330	1.721	ug/l	97
66) Styrene	10.121	104	44620	1.674	ug/l	96
67) Bromoform	10.301	173	11774	1.779	ug/l	99
69) Isopropylbenzene	10.491	105	71098	1.745	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.787	83	27428	1.861	ug/l	95
71) 1,2,3-Trichloropropane	10.832	75	19856m	1.889	ug/l	
72) Bromobenzene	10.787	156	20831	1.716	ug/l	95
73) n-propylbenzene	10.912	120	17173	1.652	ug/l	98
74) 2-Chlorotoluene	10.992	126	19153	1.716	ug/l	91
75) 1,3,5-Trimethylbenzene	11.092	105	62616	1.719	ug/l	99
76) 4-Chlorotoluene	11.102	126	18584	1.622	ug/l	88
77) tert-Butylbenzene	11.423	119	60847	1.715	ug/l	97
78) 1,2,4-Trimethylbenzene	11.471	105	63389	1.634	ug/l	96
79) sec-Butylbenzene	11.648	105	79235	1.693	ug/l	99
80) Nitrobenzene	13.214	77	7716	8.498	ug/l	100
81) p-Isopropyltoluene	11.796	119	62636	0.931	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	44551	1.752	ug/l	98
83) 1,4-Dichlorobenzene	11.841	146	44453	1.699	ug/l	97
84) n-Butylbenzene	12.211	91	57669	1.641	ug/l	96
85) 1,2-Dichlorobenzene	12.214	146	44169	1.745	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	3952	1.667	ug/l	95
87) 1,2,4-Trichlorobenzene	13.844	180	23915	1.687	ug/l	97
88) Hexachlorobutadiene	14.021	225	15423	1.668	ug/l	97
89) Naphthalene	14.089	128	50070	2.028	ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	25611	1.744	ug/l	97

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

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