Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
Data File : VU045314.D
Acq On : 13 Oct 2021 17:56
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

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apatel
10/14/2021 2:36:51 PM

Quant Time: Oct 14 06:28:08 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 14 05:46:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	42488	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	15566	0.998	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	14278	0.977	ug/l	0.00
Spiked Amount 1.000			Recovery = 98.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	157576	9.703	ug/l	99
3) Chloromethane	1.520	50	163749	9.679	ug/l	99
4) Vinyl Chloride	1.604	62	173292	9.877	ug/l	98
5) Bromomethane	1.858	94	86868	9.026	ug/l	100
6) Chloroethane	1.932	64	105449	9.274	ug/l	100
7) Trichlorofluoromethane	2.138	101	193301	9.456	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	117798	9.966	ug/l	99
9) 1,1-Dichloroethene	2.581	96	107005	9.688	ug/l	99
10) Iodomethane	2.723	142	124477	10.764	ug/l	99
11) Allyl Chloride	2.925	41	162373	10.016	ug/l	97
12) Acrylonitrile	3.327	53	56792	20.161	ug/l	92
13) Acetone	2.646	43	174299	51.865	ug/l	97
14) Carbon Disulfide	2.793	76	329532	9.778	ug/l	100
15) Methylene Chloride	3.051	84	131247	9.811	ug/l	98
16) trans-1,2-Dichloroethene	3.356	96	117585	9.904	ug/l	99
17) 1,1-Dichloroethane	3.874	63	222808	10.001	ug/l	99
18) 2-Butanone	4.716	43	226179	52.923	ug/l	99
19) Cyclohexane	5.391	56	207473m	10.066	ug/l	
20) Methylcyclohexane	6.768	83	207531	10.124	ug/l	99
21) 2,2-Dichloropropane	4.671	77	183925	9.715	ug/l	99
22) cis-1,2-Dichloroethene	4.671	96	129724	9.931	ug/l	99
23) Diethyl Ether	2.382	59	101632	9.722	ug/l	98
24) tert-Butyl Alcohol	3.218	59	101072	123.295	ug/l	96
25) Methyl tert-Butyl Ether	3.372	73	303895	9.849	ug/l	97
26) Bromochloromethane	4.980	128	53805	9.646	ug/l	98
27) Chloroform	5.092	83	219737	9.639	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	182637	9.777	ug/l	99
29) 1,1-Dichloropropene	5.530	75	168796	9.885	ug/l	99
30) Carbon Tetrachloride	5.530	117	143853	9.933	ug/l	99
31) Isopropyl Ether	4.002	45	358010	10.154	ug/l	99
32) Ethyl-t-butyl ether	4.510	59	359023	10.111	ug/l	99
33) Tert-Amyl methyl ether	5.948	73	315453	10.027	ug/l	100
34) Propionitrile	4.790	54	56270	52.914	ug/l #	90
35) Benzene	5.777	78	486938	9.864	ug/l	100
36) 1,2-Dichloroethane	5.800	62	151529	9.616	ug/l	99
37) Trichloroethene	6.546	130	117360	9.776	ug/l	96
38) 1,2-Dichloropropane	6.797	63	127128	9.926	ug/l	99
39) Methacrylonitrile	4.980	41	43887	10.419	ug/l	96
40) Methyl acrylate	4.851	55	73019	10.407	ug/l	97
41) Tetrahydrofuran	5.063	42	46459	19.291	ug/l	97
42) 1-Chlorobutane	5.462	56	246827	10.065	ug/l	100
43) Dibromomethane	6.922	93	62058	9.766	ug/l	99
44) Bromodichloromethane	7.108	83	159281	10.050	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	431893	49.764	ug/l	100
46) t-1,4-Dichloro-2-butene	10.835	75	70418m	23.044	ug/l	
47) Methyl methacrylate	6.967	69	131091	20.337	ug/l	99
48) Ethyl methacrylate	8.337	69	131875	10.356	ug/l	98
49) Toluene	7.973	92	304393	10.018	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	156107	10.058	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	181407	10.005	ug/l	100
52) 1,1,2-Trichloroethane	8.404	97	90299	9.854	ug/l	99
53) 1,3-Dichloropropane	8.581	76	165542	9.696	ug/l	99
54) 2-Hexanone	8.690	43	346765	51.719	ug/l	100
55) Dibromochloromethane	8.816	129	95398	9.909	ug/l	99
56) 1,2-Dibromoethane	8.928	107	84611	9.808	ug/l	99
58) Tetrachloroethene	8.555	164	107776	9.960	ug/l	98
59) Chlorobenzene	9.449	112	307315	9.767	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.539	131	103658	9.902	ug/l	99
61) Pentachloroethane	11.430	117	75469	9.910	ug/l	98
62) Hexachloroethane	12.478	117	78690	9.834	ug/l	100
63) Ethyl Benzene	9.575	91	575409	10.173	ug/l	99
64) m/p-Xylenes	9.697	106	436416	20.337	ug/l	99
65) o-Xylene	10.105	106	208747	9.956	ug/l	100
66) Styrene	10.118	104	354077	10.332	ug/l	100
67) Bromoform	10.295	173	51315	10.183	ug/l	99
69) Isopropylbenzene	10.488	105	557072	10.119	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.787	83	113974	9.677	ug/l	99
71) 1,2,3-Trichloropropane	10.832	75	99829m	10.288	ug/l	
72) Bromobenzene	10.787	156	119614	9.836	ug/l	100
73) n-propylbenzene	10.909	120	146341	10.161	ug/l	100
74) 2-Chlorotoluene	10.989	126	123070	9.900	ug/l	100
75) 1,3,5-Trimethylbenzene	11.092	105	470407	10.244	ug/l	99
76) 4-Chlorotoluene	11.102	126	127416	10.021	ug/l	99
77) tert-Butylbenzene	11.423	119	444746	9.978	ug/l	100
78) 1,2,4-Trimethylbenzene	11.472	105	474468	10.120	ug/l	99
79) sec-Butylbenzene	11.648	105	613836	9.987	ug/l	99
80) Nitrobenzene	13.211	77	18336	54.692	ug/l	97
81) p-Isopropyltoluene	11.796	119	499641	10.136	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	233275	9.606	ug/l	100
83) 1,4-Dichlorobenzene	11.838	146	230709	9.605	ug/l	99
84) n-Butylbenzene	12.211	91	481811	10.257	ug/l	100
85) 1,2-Dichlorobenzene	12.214	146	220409	9.552	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	18767	9.592	ug/l	98
87) 1,2,4-Trichlorobenzene	13.844	180	139978	9.845	ug/l	99
88) Hexachlorobutadiene	14.025	225	65705	9.879	ug/l	99
89) Naphthalene	14.089	128	275936	9.876	ug/l	99
90) 1,2,3-Trichlorobenzene	14.333	180	131220	9.937	ug/l	99

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

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