Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101321\
Data File : VU045303.D
Acq On : 13 Oct 2021 11:38
Operator : SY/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Manual Integrations APPROVED
apatel
10/14/2021 2:37:04 PM

Quant Time: Oct 14 05:06:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101321DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Oct 14 05:02:20 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.118	96	41792	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	15887	1.013	ug/l	0.00
Spiked Amount 1.000			Recovery = 101.000%			
68) 1,2-Dichlorobenzene-d4	12.198	152	14996	0.846	ug/l	0.00
Spiked Amount 1.000			Recovery = 85.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.388	85	157649	9.692	ug/l	100
3) Chloromethane	1.520	50	158312	8.609	ug/l	100
4) Vinyl Chloride	1.604	62	170094	8.169	ug/l	100
5) Bromomethane	1.858	94	90649	5.647	ug/l	100
6) Chloroethane	1.935	64	105094	6.844	ug/l	100
7) Trichlorofluoromethane	2.141	101	196451	6.121	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	115448	5.934	ug/l	100
9) 1,1-Dichloroethene	2.581	96	107262	5.968	ug/l	100
10) Iodomethane	2.726	142	127219	6.076	ug/l	100
11) Allyl Chloride	2.928	41	161180	7.610	ug/l	100
12) Acrylonitrile	3.327	53	56882m	16.846	ug/l	
13) Acetone	2.642	43	159817m	69.595	ug/l	
14) Carbon Disulfide	2.797	76	328842	6.284	ug/l	100
15) Methylene Chloride	3.051	84	123665	4.300	ug/l	100
16) trans-1,2-Dichloroethene	3.356	96	116338	6.001	ug/l	100
17) 1,1-Dichloroethane	3.877	63	218222	6.603	ug/l	100
18) 2-Butanone	4.716	43	213614	54.451	ug/l	100
19) Cyclohexane	5.394	56	204062m	6.826	ug/l	
20) Methylcyclohexane	6.767	83	207989	11.105	ug/l	100
21) 2,2-Dichloropropane	4.671	77	185169	6.121	ug/l	100
22) cis-1,2-Dichloroethene	4.674	96	128947	5.839	ug/l	100
23) Diethyl Ether	2.382	59	100394	7.644	ug/l	100
24) tert-Butyl Alcohol	3.218	59	70130	98.834	ug/l	100
25) Methyl tert-Butyl Ether	3.372	73	302494	6.712	ug/l	100
26) Bromochloromethane	4.980	128	53518	5.185	ug/l	100
27) Chloroform	5.095	83	217067	5.688	ug/l	100
28) 1,1,1-Trichloroethane	5.321	97	183660	5.665	ug/l	100
29) 1,1-Dichloropropene	5.533	75	169027	10.726	ug/l	100
30) Carbon Tetrachloride	5.530	117	143372	9.473	ug/l	100
31) Isopropyl Ether	4.002	45	351801	7.436	ug/l	100
32) Ethyl-t-butyl ether	4.510	59	355423	6.892	ug/l	100
33) Tert-Amyl methyl ether	5.948	73	318331	11.701	ug/l	100
34) Propionitrile	4.790	54	52994	50.344	ug/l	100
35) Benzene	5.780	78	479908	10.660	ug/l	100
36) 1,2-Dichloroethane	5.800	62	151515	10.364	ug/l	100
37) Trichloroethene	6.546	130	119297	9.414	ug/l	100
38) 1,2-Dichloropropane	6.796	63	126576	11.124	ug/l	100
39) Methacrylonitrile	4.980	41	41151	7.312	ug/l	100
40) Methyl acrylate	4.851	55	75117	8.040	ug/l	100
41) Tetrahydrofuran	5.067	42	45179	15.732	ug/l	100
42) 1-Chlorobutane	5.465	56	239900	11.636	ug/l	100
43) Dibromomethane	6.925	93	62655	9.284	ug/l	100
44) Bromodichloromethane	7.111	83	158877	10.121	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.800	43	434255	60.142	ug/l	100
46) t-1,4-Dichloro-2-butene	10.838	75	66497m	22.417	ug/l	
47) Methyl methacrylate	6.967	69	131106	22.559	ug/l	100
48) Ethyl methacrylate	8.336	69	133868	11.472	ug/l	100
49) Toluene	7.973	92	304406	10.435	ug/l	100
50) t-1,3-Dichloropropene	8.214	75	157982	11.320	ug/l	100
51) cis-1,3-Dichloropropene	7.613	75	183972	11.510	ug/l	100
52) 1,1,2-Trichloroethane	8.404	97	90549	9.469	ug/l	100
53) 1,3-Dichloropropane	8.581	76	164853	9.908	ug/l	100
54) 2-Hexanone	8.690	43	334727	64.259	ug/l	100
55) Dibromochloromethane	8.816	129	97951	9.145	ug/l	100
56) 1,2-Dibromoethane	8.928	107	86415	9.266	ug/l	100
58) Tetrachloroethene	8.558	164	104375	8.860	ug/l	100
59) Chlorobenzene	9.452	112	312100	9.563	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.539	131	104356	9.015	ug/l	100
61) Pentachloroethane	11.433	117	79481	8.789	ug/l	100
62) Hexachloroethane	12.481	117	83167	9.129	ug/l	100
63) Ethyl Benzene	9.574	91	580245	10.642	ug/l	100
64) m/p-Xylenes	9.697	106	442413	20.467	ug/l	100
65) o-Xylene	10.105	106	212825	10.162	ug/l	100
66) Styrene	10.118	104	359947	10.239	ug/l	100
67) Bromoform	10.295	173	51973	8.719	ug/l	100
69) Isopropylbenzene	10.488	105	568614	10.382	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.787	83	116305	9.073	ug/l	100
71) 1,2,3-Trichloropropane	10.832	75	87427m	9.415	ug/l	
72) Bromobenzene	10.787	156	122156	8.862	ug/l	100
73) n-propylbenzene	10.909	120	150294	9.960	ug/l	100
74) 2-Chlorotoluene	10.989	126	126867	9.384	ug/l	100
75) 1,3,5-Trimethylbenzene	11.092	105	481329	10.248	ug/l	100
76) 4-Chlorotoluene	11.102	126	130747	9.185	ug/l	100
77) tert-Butylbenzene	11.423	119	457773	9.808	ug/l	100
78) 1,2,4-Trimethylbenzene	11.471	105	493228	10.274	ug/l	100
79) sec-Butylbenzene	11.648	105	630980	9.953	ug/l	100
80) Nitrobenzene	13.211	77	18459	61.388	ug/l	100
81) p-Isopropyltoluene	11.796	119	521202	10.090	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	242051	8.794	ug/l	100
83) 1,4-Dichlorobenzene	11.841	146	239635	8.686	ug/l	100
84) n-Butylbenzene	12.211	91	507616	10.316	ug/l	100
85) 1,2-Dichlorobenzene	12.217	146	229697	8.380	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.999	75	20209	10.685	ug/l	100
87) 1,2,4-Trichlorobenzene	13.844	180	150611	8.816	ug/l	100
88) Hexachlorobutadiene	14.024	225	68297	7.278	ug/l	100
89) Naphthalene	14.089	128	306579	9.244	ug/l	100
90) 1,2,3-Trichlorobenzene	14.333	180	139312	8.442	ug/l	100

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

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