Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060421\
Data File : VU044051.D
Acq On : 04 Jun 2021 14:50
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
SAM
6/9/2021 7:00:36 PM

Quant Time: Jun 07 02:16:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060221DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Jun 03 11:17:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	16919	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	6358	1.081	ug/l	0.00
Spiked Amount 1.000			Recovery = 108.000%			
68) 1,2-Dichlorobenzene-d4	12.201	152	6689	1.066	ug/l	0.00
Spiked Amount 1.000			Recovery = 107.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	72424	10.166	ug/l	98
3) Chloromethane	1.527	50	76164	9.913	ug/l	99
4) Vinyl Chloride	1.610	62	73160	10.095	ug/l	100
5) Bromomethane	1.858	94	37407	8.662	ug/l	100
6) Chloroethane	1.938	64	41805	9.455	ug/l	99
7) Trichlorofluoromethane	2.144	101	84116	10.335	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	48335	10.299	ug/l	99
9) 1,1-Dichloroethene	2.588	96	44662	10.076	ug/l	99
10) Iodomethane	2.732	142	59949	10.507	ug/l	98
11) Allyl Chloride	2.932	41	73063	10.231	ug/l	99
12) Acrylonitrile	3.330	53	25233	27.922	ug/l	95
13) Acetone	2.639	43	42742	62.226	ug/l	95
14) Carbon Disulfide	2.800	76	152759	9.997	ug/l	100
15) Methylene Chloride	3.054	84	53847	10.357	ug/l	100
16) trans-1,2-Dichloroethene	3.362	96	49221	10.046	ug/l	99
17) 1,1-Dichloroethane	3.880	63	96085	10.209	ug/l	99
18) 2-Butanone	4.735	43	73578	64.780	ug/l	100
19) Cyclohexane	5.391	56	88743m	9.931	ug/l	
20) Methylcyclohexane	6.771	83	81878	11.457	ug/l	98
21) 2,2-Dichloropropane	4.674	77	76626	10.264	ug/l	99
22) cis-1,2-Dichloroethene	4.678	96	53880	10.307	ug/l	99
23) Diethyl Ether	2.385	59	37873	10.446	ug/l	97
24) tert-Butyl Alcohol	3.215	59	43936	104.026	ug/l	99
25) Methyl tert-Butyl Ether	3.382	73	115787	10.395	ug/l	95
26) Bromochloromethane	4.986	128	21749	10.283	ug/l	97
27) Chloroform	5.099	83	93129	10.142	ug/l	99
28) 1,1,1-Trichloroethane	5.324	97	79626	10.268	ug/l	99
29) 1,1-Dichloropropene	5.530	75	75407	10.385	ug/l	100
30) Carbon Tetrachloride	5.530	117	70853	10.480	ug/l	99
31) Isopropyl Ether	4.015	45	152699	10.219	ug/l	99
32) Ethyl-t-butyl ether	4.526	59	139624	10.410	ug/l	100
33) Tert-Amyl methyl ether	5.964	73	113384	10.913	ug/l	99
34) Propionitrile	4.803	54	24506	61.638	ug/l	98
35) Benzene	5.780	78	219912	10.425	ug/l	100
36) 1,2-Dichloroethane	5.809	62	64224	10.417	ug/l	100
37) Trichloroethene	6.549	130	49753	10.195	ug/l	99
38) 1,2-Dichloropropane	6.803	63	60426	10.856	ug/l	99
39) Methacrylonitrile	4.996	41	18735	11.148	ug/l	96
40) Methyl acrylate	4.867	55	29895	11.072	ug/l	97
41) Tetrahydrofuran	5.083	42	19678	23.359	ug/l #	93
42) 1-Chlorobutane	5.465	56	107653	10.293	ug/l	100
43) Dibromomethane	6.928	93	28768	10.514	ug/l	99
44) Bromodichloromethane	7.118	83	72261	10.595	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	172922	57.097	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	29702m	22.060	ug/l	
47) Methyl methacrylate	6.980	69	53345	22.977	ug/l	98
48) Ethyl methacrylate	8.349	69	48697	11.531	ug/l	99
49) Toluene	7.976	92	133953	11.497	ug/l	100
50) t-1,3-Dichloropropene	8.221	75	63915	10.820	ug/l	100
51) cis-1,3-Dichloropropene	7.620	75	71962	10.829	ug/l	99
52) 1,1,2-Trichloroethane	8.410	97	41924	10.642	ug/l	99
53) 1,3-Dichloropropane	8.587	76	74513	10.784	ug/l	99
54) 2-Hexanone	8.703	43	122541	58.483	ug/l	99
55) Dibromochloromethane	8.819	129	46268	10.737	ug/l	99
56) 1,2-Dibromoethane	8.935	107	37091	10.619	ug/l	100
58) Tetrachloroethene	8.558	164	50085	11.052	ug/l	98
59) Chlorobenzene	9.455	112	130428	10.661	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.542	131	49567	10.689	ug/l	99
61) Pentachloroethane	11.436	117	37903	10.102	ug/l	96
62) Hexachloroethane	12.484	117	40964	11.000	ug/l	100
63) Ethyl Benzene	9.578	91	243691	9.828	ug/l	100
64) m/p-Xylenes	9.703	106	201168	20.396	ug/l	99
65) o-Xylene	10.108	106	90298	9.909	ug/l	99
66) Styrene	10.121	104	166721	10.197	ug/l	100
67) Bromoform	10.298	173	24968	10.568	ug/l	98
69) Isopropylbenzene	10.494	105	237442	9.804	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	53785	10.405	ug/l	100
71) 1,2,3-Trichloropropane	10.835	75	43125m	11.046	ug/l	
72) Bromobenzene	10.790	156	55459	11.136	ug/l	99
73) n-propylbenzene	10.915	120	69979	10.169	ug/l	97
74) 2-Chlorotoluene	10.992	126	58595	11.817	ug/l	94
75) 1,3,5-Trimethylbenzene	11.095	105	225511	10.245	ug/l	99
76) 4-Chlorotoluene	11.105	126	64563	12.042	ug/l	98
77) tert-Butylbenzene	11.430	119	198650	11.737	ug/l	99
78) 1,2,4-Trimethylbenzene	11.475	105	235019	10.350	ug/l	99
79) sec-Butylbenzene	11.652	105	291839	10.181	ug/l	100
80) Nitrobenzene	13.214	77	10053	64.962	ug/l	97
81) p-Isopropyltoluene	11.803	119	248588	10.344	ug/l	99
82) 1,3-Dichlorobenzene	11.754	146	119626	11.002	ug/l	99
83) 1,4-Dichlorobenzene	11.844	146	121237	11.196	ug/l	99
84) n-Butylbenzene	12.217	91	242921	10.242	ug/l	99
85) 1,2-Dichlorobenzene	12.221	146	116385	11.239	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	13.005	75	8726	11.115	ug/l	99
87) 1,2,4-Trichlorobenzene	13.848	180	65961	10.807	ug/l	99
88) Hexachlorobutadiene	14.031	225	43746	11.033	ug/l	99
89) Naphthalene	14.095	128	117229	8.931	ug/l	100
90) 1,2,3-Trichlorobenzene	14.336	180	67251	11.434	ug/l	99

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

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