Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060321\
Data File : VU044033.D
Acq On : 03 Jun 2021 11:25
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 04 06:26:46 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

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.124	96	20479	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	8831	1.240	ug/l	0.00
Spiked Amount 1.000			Recovery = 124.000%			
68) 1,2-Dichlorobenzene-d4	12.201	152	7360	0.969	ug/l	0.00
Spiked Amount 1.000			Recovery = 97.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	79709	9.244	ug/l	99
3) Chloromethane	1.523	50	80768	8.684	ug/l	99
4) Vinyl Chloride	1.610	62	78235	8.919	ug/l	100
5) Bromomethane	1.864	94	42440	8.119	ug/l	99
6) Chloroethane	1.941	64	44293	8.277	ug/l	99
7) Trichlorofluoromethane	2.147	101	89145	9.049	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	58129	10.233	ug/l	100
9) 1,1-Dichloroethene	2.588	96	54148	10.092	ug/l	99
10) Iodomethane	2.732	142	70477	10.205	ug/l	98
11) Allyl Chloride	2.935	41	80237	9.282	ug/l	99
12) Acrylonitrile	3.334	53	23953	21.898	ug/l	92
13) Acetone	2.652	43	35546	49.477	ug/l	99
14) Carbon Disulfide	2.803	76	181058	9.790	ug/l	99
15) Methylene Chloride	3.057	84	62698	9.947	ug/l	98
16) trans-1,2-Dichloroethene	3.362	96	58214	9.816	ug/l	97
17) 1,1-Dichloroethane	3.880	63	108883	9.558	ug/l	99
18) 2-Butanone	4.723	43	65694	47.785	ug/l	100
19) Cyclohexane	5.401	56	101496m	9.384	ug/l	
20) Methylcyclohexane	6.774	83	96275	11.130	ug/l	99
21) 2,2-Dichloropropane	4.678	77	85164	9.425	ug/l	98
22) cis-1,2-Dichloroethene	4.681	96	63720	10.071	ug/l	98
23) Diethyl Ether	2.385	59	40620	9.256	ug/l	97
24) tert-Butyl Alcohol	3.234	59	38375m	75.065	ug/l	
25) Methyl tert-Butyl Ether	3.375	73	126013	9.346	ug/l	98
26) Bromochloromethane	4.986	128	27355	10.685	ug/l	96
27) Chloroform	5.099	83	108978	9.805	ug/l	100
28) 1,1,1-Trichloroethane	5.327	97	89608	9.547	ug/l	99
29) 1,1-Dichloropropene	5.539	75	84761	9.644	ug/l	99
30) Carbon Tetrachloride	5.536	117	76433	9.340	ug/l	99
31) Isopropyl Ether	4.005	45	160497	8.874	ug/l	96
32) Ethyl-t-butyl ether	4.514	59	143091	8.814	ug/l	100
33) Tert-Amyl methyl ether	5.951	73	125153	9.952	ug/l	99
34) Propionitrile	4.803	54	19701	46.720	ug/l #	88
35) Benzene	5.784	78	246276	9.646	ug/l	99
36) 1,2-Dichloroethane	5.806	62	67847	9.091	ug/l	100
37) Trichloroethene	6.552	130	56161	9.507	ug/l	100
38) 1,2-Dichloropropane	6.800	63	64067	9.509	ug/l	99
39) Methacrylonitrile	4.986	41	18935	9.309	ug/l	96
40) Methyl acrylate	4.858	55	26760	8.188	ug/l #	95
41) Tetrahydrofuran	5.073	42	16536	16.217	ug/l #	87
42) 1-Chlorobutane	5.468	56	120212	9.496	ug/l	99
43) Dibromomethane	6.928	93	31409	9.484	ug/l	98
44) Bromodichloromethane	7.115	83	77914	9.438	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.806	43	190192	51.883	ug/l	100
46) t-1,4-Dichloro-2-butene	10.841	75	32222m	19.771	ug/l	
47) Methyl methacrylate	6.970	69	59695	21.242	ug/l	96
48) Ethyl methacrylate	8.343	69	56206	10.995	ug/l	100
49) Toluene	7.976	92	147077	10.429	ug/l	100
50) t-1,3-Dichloropropene	8.218	75	73328	10.256	ug/l	99
51) cis-1,3-Dichloropropene	7.616	75	82713	10.283	ug/l	98
52) 1,1,2-Trichloroethane	8.410	97	44626	9.359	ug/l	99
53) 1,3-Dichloropropane	8.584	76	81125	9.700	ug/l	99
54) 2-Hexanone	8.697	43	135390	53.383	ug/l	100
55) Dibromochloromethane	8.819	129	49370	9.465	ug/l	100
56) 1,2-Dibromoethane	8.931	107	40272	9.525	ug/l	99
58) Tetrachloroethene	8.562	164	53927	9.831	ug/l	98
59) Chlorobenzene	9.455	112	144982	9.791	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.542	131	51962	9.257	ug/l	99
61) Pentachloroethane	11.436	117	38451	8.466	ug/l	98
62) Hexachloroethane	12.484	117	41706	9.252	ug/l	100
63) Ethyl Benzene	9.578	91	273477	9.149	ug/l	100
64) m/p-Xylenes	9.703	106	215047	18.115	ug/l	98
65) o-Xylene	10.108	106	98685	8.990	ug/l	98
66) Styrene	10.121	104	175529	8.929	ug/l	99
67) Bromoform	10.298	173	26525	9.276	ug/l	99
69) Isopropylbenzene	10.494	105	261528	8.964	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.790	83	55877	8.930	ug/l	99
71) 1,2,3-Trichloropropane	10.835	75	45637m	9.658	ug/l	
72) Bromobenzene	10.790	156	58097	9.638	ug/l	97
73) n-propylbenzene	10.915	120	74920	9.048	ug/l	97
74) 2-Chlorotoluene	10.996	126	62475	10.409	ug/l	96
75) 1,3,5-Trimethylbenzene	11.095	105	238768	9.015	ug/l	99
76) 4-Chlorotoluene	11.105	126	66146	10.192	ug/l	96
77) tert-Butylbenzene	11.430	119	214780	10.484	ug/l	99
78) 1,2,4-Trimethylbenzene	11.475	105	245119	8.978	ug/l	100
79) sec-Butylbenzene	11.652	105	309250	8.961	ug/l	100
80) Nitrobenzene	13.214	77	7718	41.204	ug/l	98
81) p-Isopropyltoluene	11.803	119	260437	9.015	ug/l	99
82) 1,3-Dichlorobenzene	11.754	146	123949	9.418	ug/l	99
83) 1,4-Dichlorobenzene	11.844	146	123894	9.452	ug/l	99
84) n-Butylbenzene	12.217	91	254804	8.939	ug/l	99
85) 1,2-Dichlorobenzene	12.221	146	117165	9.348	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	13.005	75	8585	9.034	ug/l	99
87) 1,2,4-Trichlorobenzene	13.848	180	69064	9.349	ug/l	100
88) Hexachlorobutadiene	14.028	225	44589	9.291	ug/l	98
89) Naphthalene	14.095	128	120299	7.726	ug/l	100
90) 1,2,3-Trichlorobenzene	14.336	180	66195	9.298	ug/l	99

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

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