Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031121\
Data File : VU042556.D
Acq On : 11 Mar 2021 09:47
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 11 10:29:24 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U030921DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Mar 10 06:46:59 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
VSTD01002

Manual Integrations APPROVED
MMDadoda
3/12/2021 5:15:10 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	6.124	96	20774	1.00	ug/l	#	0.00
System Monitoring Compounds							
57) 4-Bromofluorobenzene	10.642	95	10914	1.19	ug/l		0.00
Spiked Amount 1.000			Recovery = 119.00%				
68) 1,2-Dichlorobenzene-d4	12.201	152	10776	1.14	ug/l		0.00
Spiked Amount 1.000			Recovery = 114.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.388	85	78186	9.22	ug/l		99
3) Chloromethane	1.526	50	68762	9.21	ug/l		99
4) Vinyl Chloride	1.610	62	67267	9.22	ug/l		99
5) Bromomethane	1.864	94	43226	9.92	ug/l		95
6) Chloroethane	1.941	64	42587	9.60	ug/l		99
7) Trichlorofluoromethane	2.147	101	115818	9.65	ug/l		96
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	58980	9.59	ug/l		99
9) 1,1-Dichloroethene	2.591	96	50363	9.49	ug/l		99
10) Iodomethane	2.732	142	82629	9.74	ug/l		99
11) Allyl Chloride	2.932	41	96975	9.58	ug/l		99
12) Acrylonitrile	3.330	53	26914	20.68	ug/l	#	91
13) Acetone	2.639	43	47544	56.14	ug/l		100
14) Carbon Disulfide	2.803	76	163366	9.44	ug/l		98
15) Methylene Chloride	3.057	84	57417	9.28	ug/l		96
16) trans-1,2-Dichloroethene	3.362	96	54555	9.59	ug/l		94
17) 1,1-Dichloroethane	3.883	63	109772	9.66	ug/l		100
18) 2-Butanone	4.732	43	92218	54.02	ug/l		99
19) Cyclohexane	5.391	56	91268	8.75	ug/l		93
20) Methylcyclohexane	6.771	83	93942	10.16	ug/l		98
21) 2,2-Dichloropropane	4.677	77	102246	9.54	ug/l		99
22) cis-1,2-Dichloroethene	4.677	96	60617	9.79	ug/l		99
23) Diethyl Ether	2.385	59	43279	9.76	ug/l		97
24) tert-Butyl Alcohol	3.208	59	26536	109.33	ug/l	#	95
25) Methyl tert-Butyl Ether	3.378	73	146805	9.83	ug/l		99
26) Bromochloromethane	4.986	128	29633	9.80	ug/l		98
27) Chloroform	5.102	83	115239	9.85	ug/l		96
28) 1,1,1-Trichloroethane	5.327	97	104988	9.73	ug/l		99
29) 1,1-Dichloropropene	5.533	75	80044	10.01	ug/l		100
30) Carbon Tetrachloride	5.533	117	88689	9.76	ug/l		99
31) Isopropyl Ether	4.012	45	194687	9.74	ug/l		99
32) Ethyl-t-butyl ether	4.523	59	173638	9.79	ug/l		100
33) Tert-Amyl methyl ether	5.960	73	143787	10.10	ug/l		99
34) Propionitrile	4.800	54	21112	57.60	ug/l	#	96
35) Benzene	5.784	78	221659	9.91	ug/l		98
36) 1,2-Dichloroethane	5.809	62	85767	10.00	ug/l		99
37) Trichloroethene	6.552	130	60651	9.51	ug/l		94
38) 1,2-Dichloropropane	6.803	63	61421	9.85	ug/l		98
39) Methacrylonitrile	4.993	41	26021	10.17	ug/l		97
40) Methyl acrylate	4.864	55	34864	9.79	ug/l		97
41) Tetrahydrofuran	5.079	42	25336	21.20	ug/l		96
42) 1-Chlorobutane	5.468	56	114011	9.58	ug/l		98
43) Dibromomethane	6.931	93	36266	10.26	ug/l		97
44) Bromodichloromethane	7.118	83	83643	10.17	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.812	43	272540	52.68	ug/l	99
46) t-1,4-Dichloro-2-butene	10.844	75	37216m	17.96	ug/l	
47) Methyl methacrylate	6.976	69	65606	20.52	ug/l	96
48) Ethyl methacrylate	8.346	69	65927	10.33	ug/l	99
49) Toluene	7.980	92	145452	10.21	ug/l	100
50) t-1,3-Dichloropropene	8.221	75	80843	10.39	ug/l	99
51) cis-1,3-Dichloropropene	7.619	75	86987	10.24	ug/l	99
52) 1,1,2-Trichloroethane	8.410	97	47837	10.29	ug/l	98
53) 1,3-Dichloropropane	8.587	76	83044	10.00	ug/l	99
54) 2-Hexanone	8.703	43	198310	53.06	ug/l	99
55) Dibromochloromethane	8.822	129	59411	10.27	ug/l	97
56) 1,2-Dibromoethane	8.934	107	48026	10.00	ug/l	99
58) Tetrachloroethene	8.562	164	60560	9.67	ug/l	94
59) Chlorobenzene	9.455	112	160068	10.22	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.545	131	62941	10.58	ug/l	98
61) Pentachloroethane	11.436	117	51279	10.52	ug/l	93
62) Hexachloroethane	12.484	117	52867	8.99	ug/l	95
63) Ethyl Benzene	9.578	91	288357	10.50	ug/l	99
64) m/p-Xylenes	9.703	106	222967	21.37	ug/l	97
65) o-Xylene	10.111	106	107717	10.64	ug/l	100
66) Styrene	10.124	104	189377	10.95	ug/l	100
67) Bromoform	10.301	173	40187	10.67	ug/l	98
69) Isopropylbenzene	10.494	105	296311	10.73	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.793	83	66621	10.47	ug/l	98
71) 1,2,3-Trichloropropane	10.838	75	58246m	11.26	ug/l	
72) Bromobenzene	10.790	156	77106	10.31	ug/l	99
73) n-propylbenzene	10.915	120	80810	10.67	ug/l	93
74) 2-Chlorotoluene	10.996	126	73048	10.74	ug/l	99
75) 1,3,5-Trimethylbenzene	11.095	105	270150	10.97	ug/l	100
76) 4-Chlorotoluene	11.105	126	78946	11.05	ug/l	99
77) tert-Butylbenzene	11.430	119	262774	10.71	ug/l	99
78) 1,2,4-Trimethylbenzene	11.478	105	278621	9.25	ug/l	100
79) sec-Butylbenzene	11.651	105	348768	9.16	ug/l	100
80) Nitrobenzene	13.220	77	9291	41.36	ug/l	96
81) p-Isopropyltoluene	11.803	119	299775	9.13	ug/l	98
82) 1,3-Dichlorobenzene	11.754	146	153621	10.52	ug/l	100
83) 1,4-Dichlorobenzene	11.844	146	155619	10.58	ug/l	100
84) n-Butylbenzene	12.217	91	291538	9.23	ug/l	98
85) 1,2-Dichlorobenzene	12.221	146	151216	10.50	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	13.005	75	13329	9.16	ug/l	98
87) 1,2,4-Trichlorobenzene	13.851	180	108265	8.97	ug/l	99
88) Hexachlorobutadiene	14.031	225	67337	10.48	ug/l	97
89) Naphthalene	14.098	128	185918	8.68	ug/l	99
90) 1,2,3-Trichlorobenzene	14.339	180	101777	8.95	ug/l	99

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

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