Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060321\
Data File : VU044042.D
Acq On : 03 Jun 2021 16:37
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 04 06:28:52 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 :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
6/7/2021 1:07:56 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	17946	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.639	95	6564	1.052	ug/l	0.00
Spiked Amount 1.000			Recovery = 105.000%			
68) 1,2-Dichlorobenzene-d4	12.201	152	7185	1.080	ug/l	0.00
Spiked Amount 1.000			Recovery = 108.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.391	85	78877	10.439	ug/l	99
3) Chloromethane	1.526	50	80913	9.928	ug/l	98
4) Vinyl Chloride	1.610	62	76963	10.012	ug/l	99
5) Bromomethane	1.861	94	41468	9.052	ug/l	100
6) Chloroethane	1.938	64	43883	9.357	ug/l	99
7) Trichlorofluoromethane	2.144	101	89302	10.345	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.591	101	52171	10.480	ug/l	99
9) 1,1-Dichloroethene	2.587	96	48457	10.306	ug/l	99
10) Iodomethane	2.732	142	66158	10.931	ug/l	99
11) Allyl Chloride	2.932	41	78293	10.336	ug/l	100
12) Acrylonitrile	3.330	53	26715	27.870	ug/l	95
13) Acetone	2.639	43	45164	62.084	ug/l	96
14) Carbon Disulfide	2.800	76	164678	10.161	ug/l	100
15) Methylene Chloride	3.054	84	57095	10.353	ug/l	99
16) trans-1,2-Dichloroethene	3.362	96	52679	10.137	ug/l	98
17) 1,1-Dichloroethane	3.880	63	102735	10.291	ug/l	99
18) 2-Butanone	4.735	43	82018	68.079	ug/l	99
19) Cyclohexane	5.391	56	97073m	10.242	ug/l	
20) Methylcyclohexane	6.767	83	87322	11.519	ug/l	97
21) 2,2-Dichloropropane	4.674	77	82280	10.391	ug/l	100
22) cis-1,2-Dichloroethene	4.677	96	56754	10.236	ug/l	98
23) Diethyl Ether	2.385	59	40136	10.436	ug/l	98
24) tert-Butyl Alcohol	3.205	59	44278	98.836	ug/l	97
25) Methyl tert-Butyl Ether	3.382	73	122135	10.337	ug/l	96
26) Bromochloromethane	4.986	128	23040	10.270	ug/l	97
27) Chloroform	5.099	83	98632	10.126	ug/l	98
28) 1,1,1-Trichloroethane	5.324	97	85707	10.420	ug/l	99
29) 1,1-Dichloropropene	5.533	75	80516	10.454	ug/l	100
30) Carbon Tetrachloride	5.530	117	75803	10.571	ug/l	99
31) Isopropyl Ether	4.015	45	162557	10.256	ug/l	99
32) Ethyl-t-butyl ether	4.526	59	149347	10.497	ug/l	100
33) Tert-Amyl methyl ether	5.964	73	120433	10.928	ug/l	100
34) Propionitrile	4.803	54	26198	61.958	ug/l #	97
35) Benzene	5.780	78	233829	10.451	ug/l	100
36) 1,2-Dichloroethane	5.809	62	68210	10.430	ug/l	100
37) Trichloroethene	6.549	130	53843	10.401	ug/l	100
38) 1,2-Dichloropropane	6.803	63	63419	10.742	ug/l	100
39) Methacrylonitrile	4.996	41	19401	10.884	ug/l	97
40) Methyl acrylate	4.867	55	32830	11.463	ug/l	99
41) Tetrahydrofuran	5.083	42	20877	23.364	ug/l #	93
42) 1-Chlorobutane	5.465	56	114579	10.329	ug/l	100
43) Dibromomethane	6.928	93	30674	10.569	ug/l	99
44) Bromodichloromethane	7.118	83	76839	10.622	ug/l	100

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060321\
Data File : VU044042.D
Acq On : 03 Jun 2021 16:37
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
6/7/2021 1:07:56 PM

Quant Time: Jun 04 06:28:52 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)
45) 4-Methyl-2-Pentanone	7.812	43	179410	55.849	ug/l	99
46) t-1,4-Dichloro-2-butene	10.841	75	30615m	21.436	ug/l	
47) Methyl methacrylate	6.980	69	56524	22.953	ug/l	99
48) Ethyl methacrylate	8.346	69	51577	11.514	ug/l	99
49) Toluene	7.976	92	144152	11.665	ug/l	99
50) t-1,3-Dichloropropene	8.221	75	68004	10.854	ug/l	98
51) cis-1,3-Dichloropropene	7.619	75	77022	10.927	ug/l	99
52) 1,1,2-Trichloroethane	8.410	97	43895	10.505	ug/l	99
53) 1,3-Dichloropropane	8.587	76	78268	10.679	ug/l	99
54) 2-Hexanone	8.700	43	126887	57.092	ug/l	100
55) Dibromochloromethane	8.819	129	48756	10.667	ug/l	100
56) 1,2-Dibromoethane	8.935	107	39695	10.714	ug/l	99
58) Tetrachloroethene	8.562	164	52044	10.827	ug/l	99
59) Chlorobenzene	9.455	112	140575	10.833	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.542	131	52534	10.680	ug/l	99
61) Pentachloroethane	11.436	117	42501	10.679	ug/l	99
62) Hexachloroethane	12.481	117	43778	11.083	ug/l	100
63) Ethyl Benzene	9.578	91	261994	9.955	ug/l	100
64) m/p-Xylenes	9.700	106	216307	20.664	ug/l	100
65) o-Xylene	10.108	106	97165	10.046	ug/l	100
66) Styrene	10.121	104	177787	10.249	ug/l	100
67) Bromoform	10.298	173	26559	10.599	ug/l	98
69) Isopropylbenzene	10.491	105	255520	9.940	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.790	83	57697	10.523	ug/l	97
71) 1,2,3-Trichloropropane	10.835	75	41257m	9.963	ug/l	
72) Bromobenzene	10.790	156	59931	11.346	ug/l	97
73) n-propylbenzene	10.912	120	75278	10.307	ug/l	99
74) 2-Chlorotoluene	10.992	126	62659	11.914	ug/l	96
75) 1,3,5-Trimethylbenzene	11.095	105	239895	10.273	ug/l	100
76) 4-Chlorotoluene	11.105	126	68391	12.026	ug/l	98
77) tert-Butylbenzene	11.430	119	215070	11.980	ug/l	100
78) 1,2,4-Trimethylbenzene	11.475	105	249296	10.350	ug/l	100
79) sec-Butylbenzene	11.651	105	311864	10.254	ug/l	100
80) Nitrobenzene	13.214	77	9199	56.042	ug/l	100
81) p-Isopropyltoluene	11.799	119	263580	10.340	ug/l	99
82) 1,3-Dichlorobenzene	11.751	146	127284	11.036	ug/l	100
83) 1,4-Dichlorobenzene	11.844	146	129517	11.276	ug/l	99
84) n-Butylbenzene	12.217	91	257642	10.241	ug/l	99
85) 1,2-Dichlorobenzene	12.221	146	121251	11.039	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	13.005	75	9158	10.998	ug/l	99
87) 1,2,4-Trichlorobenzene	13.848	180	70336	10.864	ug/l	99
88) Hexachlorobutadiene	14.028	225	46676	11.098	ug/l	98
89) Naphthalene	14.095	128	123900	8.902	ug/l	100
90) 1,2,3-Trichlorobenzene	14.336	180	71229	11.417	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060321\
Data File : VU044042.D
Acq On : 03 Jun 2021 16:37
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jun 04 06:28:52 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 :
VSTDCCC010EC

Manual Integrations APPROVED
MMDadoda
6/7/2021 1:07:56 PM