Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050353.D
Acq On : 17 Aug 2022 11:16
Operator : SY/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Quant Time: Aug 17 11:54:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 17 11:51:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.121	96	42256	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	15319	0.990	ug/l	0.00
Spiked Amount 1.000			Recovery = 99.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	17404	1.221	ug/l	0.00
Spiked Amount 1.000			Recovery = 122.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	156036	9.642	ug/l	99
3) Chloromethane	1.520	50	184206	11.129	ug/l	99
4) Vinyl Chloride	1.604	62	172959	11.461	ug/l	99
5) Bromomethane	1.854	94	73243	9.306	ug/l	99
6) Chloroethane	1.932	64	105193	12.446	ug/l	98
7) Trichlorofluoromethane	2.137	101	199100	11.008	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	107552	11.316	ug/l	98
9) 1,1-Dichloroethene	2.581	96	114332	11.933	ug/l	97
10) Iodomethane	2.723	142	123185	10.136	ug/l	99
11) Allyl Chloride	2.922	41	182330	11.160	ug/l	99
12) Acrylonitrile	3.333	53	75778	29.583	ug/l	96
13) Acetone	2.636	43	126568	62.619	ug/l	92
14) Carbon Disulfide	2.793	76	379720	12.037	ug/l	98
15) Methylene Chloride	3.047	84	143869	11.991	ug/l	94
16) trans-1,2-Dichloroethene	3.362	96	127585	12.680	ug/l	98
17) 1,1-Dichloroethane	3.890	63	253780	12.198	ug/l	99
18) 2-Butanone	4.739	43	212915	61.801	ug/l	99
19) Cyclohexane	5.372	56	161735m	8.134	ug/l	
20) Methylcyclohexane	6.787	83	160329	8.180	ug/l	98
21) 2,2-Dichloropropane	4.668	77	195050	11.456	ug/l	98
22) cis-1,2-Dichloroethene	4.671	96	137494	11.081	ug/l	95
23) Diethyl Ether	2.379	59	105473	12.922	ug/l	95
24) tert-Butyl Alcohol	3.224	59	146564	157.392	ug/l	100
25) Methyl tert-Butyl Ether	3.385	73	331777	12.384	ug/l	95
26) Bromochloromethane	4.973	128	55518	10.627	ug/l	92
27) Chloroform	5.086	83	237522	11.601	ug/l	97
28) 1,1,1-Trichloroethane	5.308	97	191544	10.608	ug/l	100
29) 1,1-Dichloropropene	5.517	75	161757	10.032	ug/l	99
30) Carbon Tetrachloride	5.513	117	154997	10.195	ug/l	97
31) Isopropyl Ether	4.025	45	397540	11.141	ug/l	98
32) Ethyl-t-butyl ether	4.530	59	338755	10.030	ug/l	98
33) Tert-Amyl methyl ether	5.960	73	232998	7.935	ug/l	99
34) Propionitrile	4.803	54	72035	72.918	ug/l #	97
35) Benzene	5.771	78	512306	11.150	ug/l	99
36) 1,2-Dichloroethane	5.800	62	155183	11.878	ug/l	100
37) Trichloroethene	6.568	130	121403	10.455	ug/l	99
38) 1,2-Dichloropropane	6.819	63	143175	11.770	ug/l	99
39) Methacrylonitrile	4.993	41	51660	12.206	ug/l	95
40) Methyl acrylate	4.864	55	88215	13.308	ug/l	99
41) Tetrahydrofuran	5.079	42	54656	21.844	ug/l	98
42) 1-Chlorobutane	5.452	56	221006	9.774	ug/l	97
43) Dibromomethane	6.944	93	75675	12.485	ug/l	97
44) Bromodichloromethane	7.131	83	177694	12.232	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050353.D
Acq On : 17 Aug 2022 11:16
Operator : SY/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Quant Time: Aug 17 11:54:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 17 11:51:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.819	43	448444	54.515	ug/l	99
46) t-1,4-Dichloro-2-butene	10.835	75	68755m	25.684	ug/l	
47) Methyl methacrylate	6.993	69	143511	23.482	ug/l	92
48) Ethyl methacrylate	8.349	69	127856	10.428	ug/l	92
49) Toluene	7.986	92	312255	11.129	ug/l	96
50) t-1,3-Dichloropropene	8.227	75	157765	11.243	ug/l	97
51) cis-1,3-Dichloropropene	7.626	75	176956	10.641	ug/l	96
52) 1,1,2-Trichloroethane	8.414	97	110932	13.262	ug/l	99
53) 1,3-Dichloropropane	8.587	76	184365	12.280	ug/l	99
54) 2-Hexanone	8.703	43	317401	55.557	ug/l	99
55) Dibromochloromethane	8.822	129	122516	12.822	ug/l	100
56) 1,2-Dibromoethane	8.935	107	102302	12.630	ug/l	99
58) Tetrachloroethene	8.565	164	113030	11.706	ug/l	98
59) Chlorobenzene	9.455	112	323989	11.037	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.542	131	123911	11.868	ug/l	98
61) Pentachloroethane	11.430	117	103607	12.925	ug/l	96
62) Hexachloroethane	12.478	117	85918	10.700	ug/l	100
63) Ethyl Benzene	9.578	91	571780	10.823	ug/l	99
64) m/p-Xylenes	9.700	106	460635	23.569	ug/l	98
65) o-Xylene	10.105	106	213658	11.123	ug/l	97
66) Styrene	10.118	104	375226	12.159	ug/l	98
67) Bromoform	10.295	173	72177	13.238	ug/l	98
69) Isopropylbenzene	10.488	105	549264	10.706	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.787	83	157381	14.483	ug/l	97
71) 1,2,3-Trichloropropane	10.828	75	108394m	12.048	ug/l	
72) Bromobenzene	10.787	156	140042	12.114	ug/l	98
73) n-propylbenzene	10.909	120	151192	11.678	ug/l	98
74) 2-Chlorotoluene	10.989	126	140142	12.140	ug/l	100
75) 1,3,5-Trimethylbenzene	11.089	105	493879	11.515	ug/l	99
76) 4-Chlorotoluene	11.102	126	144708	12.499	ug/l	88
77) tert-Butylbenzene	11.423	119	459446	10.880	ug/l	98
78) 1,2,4-Trimethylbenzene	11.468	105	527023	12.240	ug/l	97
79) sec-Butylbenzene	11.645	105	629416	11.363	ug/l	99
80) Nitrobenzene	13.208	77	47413	106.651	ug/l	99
81) p-Isopropyltoluene	11.793	119	517222	11.511	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	290804	13.003	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	291128	12.900	ug/l	99
84) n-Butylbenzene	12.211	91	484265	11.572	ug/l	98
85) 1,2-Dichlorobenzene	12.214	146	286172	13.208	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	25518	13.465	ug/l	98
87) 1,2,4-Trichlorobenzene	13.841	180	176502	12.076	ug/l	98
88) Hexachlorobutadiene	14.021	225	94827	12.730	ug/l	98
89) Naphthalene	14.089	128	396509	12.938	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	187169	13.411	ug/l	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050353.D
Acq On : 17 Aug 2022 11:16
Operator : SY/MD
Sample : VSTDICCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTDICCC010

Quant Time: Aug 17 11:54:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Wed Aug 17 11:51:32 2022
Response via : Initial Calibration