Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050357.D
Acq On : 17 Aug 2022 14:23
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081722

Quant Time: Aug 18 06:07:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 18 06:06:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	6.111	96	40968	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	16535	1.173	ug/l	0.00
Spiked Amount 1.000			Recovery = 117.000%			
68) 1,2-Dichlorobenzene-d4	12.195	152	16804	1.005	ug/l	0.00
Spiked Amount 1.000			Recovery = 100.000%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	157937	9.835	ug/l	99
3) Chloromethane	1.520	50	195043	10.117	ug/l	98
4) Vinyl Chloride	1.604	62	176835	10.166	ug/l	99
5) Bromomethane	1.858	94	78620	10.429	ug/l	100
6) Chloroethane	1.935	64	105000	9.797	ug/l	98
7) Trichlorofluoromethane	2.137	101	199795	9.758	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	118387	10.702	ug/l	98
9) 1,1-Dichloroethene	2.578	96	128191	11.168	ug/l	99
10) Iodomethane	2.719	142	135133	12.450	ug/l	99
11) Allyl Chloride	2.919	41	221350	11.741	ug/l	91
12) Acrylonitrile	3.327	53	200090	52.629	ug/l	98
13) Acetone	2.649	43	212388m	92.161	ug/l	
14) Carbon Disulfide	2.787	76	430372	10.947	ug/l	100
15) Methylene Chloride	3.041	84	166890	7.174	ug/l	94
16) trans-1,2-Dichloroethene	3.346	96	141669	11.166	ug/l	97
17) 1,1-Dichloroethane	3.864	63	286987	11.600	ug/l	99
18) 2-Butanone	4.738	43	240673	59.612	ug/l	99
19) Cyclohexane	5.375	56	185607m	12.373	ug/l	
20) Methylcyclohexane	6.758	83	187471	12.954	ug/l	99
21) 2,2-Dichloropropane	4.658	77	210637	11.487	ug/l	100
22) cis-1,2-Dichloroethene	4.661	96	164961	12.288	ug/l	99
23) Diethyl Ether	2.378	59	116479	10.464	ug/l	99
24) tert-Butyl Alcohol	3.256	59	66095	46.075	ug/l	99
25) Methyl tert-Butyl Ether	3.372	73	370400	11.366	ug/l	95
26) Bromochloromethane	4.973	128	51837	8.558	ug/l	95
27) Chloroform	5.086	83	273262	11.154	ug/l	97
28) 1,1,1-Trichloroethane	5.311	97	210489	11.037	ug/l	99
29) 1,1-Dichloropropene	5.520	75	181225	12.117	ug/l	99
30) Carbon Tetrachloride	5.517	117	174269	11.199	ug/l	97
34) Propionitrile	4.809	54	147992	109.884	ug/l #	91
35) Benzene	5.771	78	596869	12.197	ug/l	98
36) 1,2-Dichloroethane	5.796	62	174371	11.307	ug/l	100
37) Trichloroethene	6.539	130	137168	11.489	ug/l	99
38) 1,2-Dichloropropane	6.793	63	160706	11.774	ug/l	99
39) Methacrylonitrile	4.989	41	49749	11.496	ug/l	93
40) Methyl acrylate	4.864	55	91992	12.170	ug/l #	93
41) Tetrahydrofuran	5.083	42	140953	57.914	ug/l	97
42) 1-Chlorobutane	5.452	56	251867	11.991	ug/l	97
43) Dibromomethane	6.918	93	88945	11.833	ug/l	97
44) Bromodichloromethane	7.108	83	205033	11.845	ug/l	98
45) 4-Methyl-2-Pentanone	7.803	43	499275	60.702	ug/l	98
46) t-1,4-Dichloro-2-butene	10.835	75	41467m	15.308	ug/l	
47) Methyl methacrylate	6.970	69	74329	12.270	ug/l	92

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081722\
Data File : VU050357.D
Acq On : 17 Aug 2022 14:23
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081722

Quant Time: Aug 18 06:07:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 18 06:06:02 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Ethyl methacrylate	8.340	69	142606	11.434	ug/l	94
49) Toluene	7.970	92	359082	13.001	ug/l	99
50) t-1,3-Dichloropropene	8.211	75	185241	12.939	ug/l	97
51) cis-1,3-Dichloropropene	7.610	75	214769	13.253	ug/l	95
52) 1,1,2-Trichloroethane	8.404	97	123678	11.020	ug/l	98
53) 1,3-Dichloropropane	8.578	76	208087	11.980	ug/l	99
54) 2-Hexanone	8.693	43	370841	66.317	ug/l	99
55) Dibromochloromethane	8.812	129	133363	11.183	ug/l	99
56) 1,2-Dibromoethane	8.925	107	118460	12.222	ug/l	100
58) Tetrachloroethene	8.552	164	125200	11.128	ug/l	98
59) Chlorobenzene	9.446	112	361184	12.054	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	139336	11.431	ug/l	98
61) Pentachloroethane	11.430	117	119148	11.977	ug/l	97
62) Hexachloroethane	12.475	117	96716	11.596	ug/l	98
63) Ethyl Benzene	9.571	91	648466	11.510	ug/l	100
64) m/p-Xylenes	9.693	106	526436	23.563	ug/l	98
65) o-Xylene	10.102	106	247259	11.909	ug/l	98
66) Styrene	10.114	104	431777	11.808	ug/l	98
67) Bromoform	10.291	173	80689	11.816	ug/l	100
69) Isopropylbenzene	10.484	105	644298	11.854	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	168301	11.067	ug/l	100
71) 1,2,3-Trichloropropane	10.825	75	116635m	10.750	ug/l	
72) Bromobenzene	10.783	156	159822	12.757	ug/l	97
73) n-propylbenzene	10.905	120	166397	11.266	ug/l	99
74) 2-Chlorotoluene	10.986	126	159522	11.729	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	573494	11.820	ug/l	99
76) 4-Chlorotoluene	11.098	126	163217	13.803	ug/l	93
77) tert-Butylbenzene	11.423	119	510832	11.256	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	580787	11.607	ug/l	98
79) sec-Butylbenzene	11.645	105	672404	10.816	ug/l	99
80) Nitrobenzene	13.211	77	8517	9.090	ug/l	94
81) p-Isopropyltoluene	11.793	119	563026	8.106	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	318376	12.135	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	320698	11.880	ug/l	99
84) n-Butylbenzene	12.208	91	495974	10.240	ug/l	98
85) 1,2-Dichlorobenzene	12.214	146	310919	11.903	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	26291	10.747	ug/l	97
87) 1,2,4-Trichlorobenzene	13.841	180	198096	11.230	ug/l	98
88) Hexachlorobutadiene	14.021	225	101177	10.604	ug/l	99
89) Naphthalene	14.089	128	442529	11.002	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	196208	10.720	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 : VU050357.D
Acq On : 17 Aug 2022 14:23
Operator : SY/MD
Sample : VSTDICV010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
ICVVU081722

Quant Time: Aug 18 06:07:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081722DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Thu Aug 18 06:06:02 2022
Response via : Initial Calibration