

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
 Data File : VU050378.D
 Acq On : 19 Aug 2022 18:10
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Aug 25 20:05:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Fluorobenzene	6.115	96	40347	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.635	95	17937	1.306	ug/l	0.00
Spiked Amount 1.000			Recovery	=	131.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	16503	1.016	ug/l	0.00
Spiked Amount 1.000			Recovery	=	102.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	163884	9.807	ug/l	100
3) Chloromethane	1.520	50	183609	9.033	ug/l	99
4) Vinyl Chloride	1.604	62	171134	9.852	ug/l	99
5) Bromomethane	1.851	94	56855	7.999	ug/l	97
6) Chloroethane	1.932	64	102565	9.763	ug/l	97
7) Trichlorofluoromethane	2.137	101	216108	9.971	ug/l	99
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	119336	9.845	ug/l	96
9) 1,1-Dichloroethene	2.578	96	114438	9.631	ug/l	99
10) Iodomethane	2.719	142	73642	7.516	ug/l	98
11) Allyl Chloride	2.919	41	178789	9.762	ug/l	96
12) Acrylonitrile	3.321	53	67222	18.862	ug/l	97
13) Acetone	2.633	43	114716	46.023	ug/l	92
14) Carbon Disulfide	2.790	76	349570	9.497	ug/l	99
15) Methylene Chloride	3.041	84	165323	10.283	ug/l	94
16) trans-1,2-Dichloroethene	3.346	96	123593	10.064	ug/l	94
17) 1,1-Dichloroethane	3.861	63	248841	9.729	ug/l	99
18) 2-Butanone	4.729	43	169420	43.215	ug/l	98
19) Cyclohexane	5.378	56	167367m	9.016	ug/l	
20) Methylcyclohexane	6.761	83	175677	12.006	ug/l	100
21) 2,2-Dichloropropane	4.658	77	166477	8.563	ug/l	98
22) cis-1,2-Dichloroethene	4.665	96	135600	9.760	ug/l	96
23) Diethyl Ether	2.379	59	98536	9.653	ug/l	98
24) tert-Butyl Alcohol	3.215	59	147714	114.338	ug/l	99
25) Methyl tert-Butyl Ether	3.372	73	307370	9.738	ug/l	95
26) Bromochloromethane	4.973	128	62960	11.294	ug/l	94
27) Chloroform	5.089	83	244874	9.879	ug/l	98
28) 1,1,1-Trichloroethane	5.314	97	201271	9.516	ug/l	99
29) 1,1-Dichloropropene	5.520	75	168759	9.960	ug/l	99
30) Carbon Tetrachloride	5.517	117	165192	9.756	ug/l	97
31) Isopropyl Ether	4.002	45	389228	9.807	ug/l	97
32) Ethyl-t-butyl ether	4.517	59	253450	8.129	ug/l	97
33) Tert-Amyl methyl ether	5.951	73	215464	10.601	ug/l	99
34) Propionitrile	4.796	54	57306	49.487	ug/l	96
35) Benzene	5.771	78	511304	10.266	ug/l	98
36) 1,2-Dichloroethane	5.796	62	151299	9.949	ug/l	99
37) Trichloroethene	6.542	130	120263	10.073	ug/l	99
38) 1,2-Dichloropropane	6.793	63	140237	10.490	ug/l	100
39) Methacrylonitrile	4.983	41	38062	8.010	ug/l	91
40) Methyl acrylate	4.858	55	64272	8.880	ug/l	98
41) Tetrahydrofuran	5.076	42	41617	17.492	ug/l	94
42) 1-Chlorobutane	5.456	56	230821	9.567	ug/l	95
43) Dibromomethane	6.919	93	73033	10.134	ug/l	97
44) Bromodichloromethane	7.108	83	176574	10.383	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
 Data File : VU050378.D
 Acq On : 19 Aug 2022 18:10
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Aug 25 20:05:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.803	43	407687	56.359	ug/l	98
46) t-1,4-Dichloro-2-butene	10.832	75	73845m	17.170	ug/l	
47) Methyl methacrylate	6.970	69	129211	19.172	ug/l	94
48) Ethyl methacrylate	8.340	69	117877	9.665	ug/l	93
49) Toluene	7.970	92	313321	11.709	ug/l	97
50) t-1,3-Dichloropropene	8.214	75	151943	11.475	ug/l	100
51) cis-1,3-Dichloropropene	7.610	75	171141	11.290	ug/l	94
52) 1,1,2-Trichloroethane	8.404	97	106804	10.084	ug/l	99
53) 1,3-Dichloropropane	8.578	76	176331	10.572	ug/l	100
54) 2-Hexanone	8.693	43	282063	55.991	ug/l	99
55) Dibromochloromethane	8.812	129	119140	10.225	ug/l	99
56) 1,2-Dibromoethane	8.925	107	98337	10.337	ug/l	100
58) Tetrachloroethene	8.552	164	113063	10.063	ug/l	99
59) Chlorobenzene	9.449	112	320886	11.112	ug/l	98
60) 1,1,1,2-Tetrachloroethane	9.536	131	126111	10.390	ug/l	97
61) Pentachloroethane	11.430	117	104561	10.352	ug/l	95
62) Hexachloroethane	12.478	117	94192	11.211	ug/l	100
63) Ethyl Benzene	9.571	91	570303	9.774	ug/l	100
64) m/p-Xylenes	9.693	106	457763	19.751	ug/l	100
65) o-Xylene	10.102	106	210139	9.745	ug/l	98
66) Styrene	10.115	104	375134	9.762	ug/l	98
67) Bromoform	10.291	173	68007	10.278	ug/l	100
69) Isopropylbenzene	10.484	105	561186	9.840	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.783	83	145032	9.950	ug/l	98
71) 1,2,3-Trichloropropane	10.825	75	84114m	7.674	ug/l	
72) Bromobenzene	10.783	156	138864	11.139	ug/l	97
73) n-propylbenzene	10.909	120	152408	9.587	ug/l	100
74) 2-Chlorotoluene	10.986	126	142769	9.896	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	507376	9.943	ug/l	99
76) 4-Chlorotoluene	11.098	126	149160	9.911	ug/l	90
77) tert-Butylbenzene	11.423	119	467140	9.733	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	523535	9.816	ug/l	99
79) sec-Butylbenzene	11.645	105	645861	9.828	ug/l	99
80) Nitrobenzene	13.211	77	36557	46.231	ug/l	98
81) p-Isopropyltoluene	11.796	119	516417	9.633	ug/l	99
82) 1,3-Dichlorobenzene	11.748	146	284135	11.069	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	285253	11.178	ug/l	98
84) n-Butylbenzene	12.211	91	465864	9.505	ug/l	97
85) 1,2-Dichlorobenzene	12.214	146	274048	10.860	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.999	75	22684	9.862	ug/l	98
87) 1,2,4-Trichlorobenzene	13.841	180	160431	11.142	ug/l	99
88) Hexachlorobutadiene	14.021	225	97396	10.393	ug/l	99
89) Naphthalene	14.089	128	322290	8.423	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	166649	9.010	ug/l	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081922\
 Data File : VU050378.D
 Acq On : 19 Aug 2022 18:10
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/30/2022
 Supervised By :Mahesh Dadoda 09/09/2022

Quant Time: Aug 25 20:05:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U081922DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Aug 25 14:01:59 2022
 Response via : Initial Calibration

