

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091622\
 Data File : VU050721.D
 Acq On : 16 Sep 2022 11:32
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 17 01:02:55 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	53195	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	21174	1.169	ug/l	0.00
Spiked Amount 1.000			Recovery	=	117.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	19731	0.922	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	218817	9.932	ug/l	100
3) Chloromethane	1.520	50	214360	7.999	ug/l	99
4) Vinyl Chloride	1.604	62	211513	9.236	ug/l	98
5) Bromomethane	1.854	94	108667	11.596	ug/l	97
6) Chloroethane	1.932	64	121050	8.740	ug/l	99
7) Trichlorofluoromethane	2.141	101	249171	8.720	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	139709	8.742	ug/l	95
9) 1,1-Dichloroethene	2.581	96	135966	8.679	ug/l	100
10) Iodomethane	2.723	142	162516	12.580	ug/l	99
11) Allyl Chloride	2.922	41	222605	9.218	ug/l	94
12) Acrylonitrile	3.314	53	73883	15.724	ug/l	97
13) Acetone	2.623	43	153452	46.695	ug/l	94
14) Carbon Disulfide	2.793	76	380396	7.838	ug/l	100
15) Methylene Chloride	3.044	84	172654	8.145	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	140426	8.673	ug/l	100
17) 1,1-Dichloroethane	3.867	63	316430	9.383	ug/l	99
18) 2-Butanone	4.710	43	244767	47.355	ug/l	98
19) Cyclohexane	5.385	56	239460m	9.784	ug/l	
20) Methylcyclohexane	6.764	83	239887	12.435	ug/l	98
21) 2,2-Dichloropropane	4.665	77	244254	9.529	ug/l	99
22) cis-1,2-Dichloroethene	4.668	96	181764	9.923	ug/l	99
23) Diethyl Ether	2.378	59	118536	8.808	ug/l	99
24) tert-Butyl Alcohol	3.186	59	139011	81.613	ug/l	98
25) Methyl tert-Butyl Ether	3.369	73	362109	8.701	ug/l	97
26) Bromochloromethane	4.973	128	78837	10.726	ug/l	98
27) Chloroform	5.089	83	321054	9.824	ug/l	97
28) 1,1,1-Trichloroethane	5.314	97	262770	9.423	ug/l	99
29) 1,1-Dichloropropene	5.526	75	224012	10.028	ug/l	99
30) Carbon Tetrachloride	5.523	117	216580	9.702	ug/l	99
31) Isopropyl Ether	3.999	45	453428	8.665	ug/l	91
32) Ethyl-t-butyl ether	4.507	59	399285	9.713	ug/l	100
33) Tert-Amyl methyl ether	5.944	73	361204	13.479	ug/l	98
34) Propionitrile	4.777	54	76759	50.276	ug/l	97
35) Benzene	5.774	78	700043	10.660	ug/l	99
36) 1,2-Dichloroethane	5.796	62	193855	9.669	ug/l	99
37) Trichloroethene	6.542	130	156849	9.964	ug/l	99
38) 1,2-Dichloropropane	6.793	63	192349	10.913	ug/l	97
39) Methacrylonitrile	4.976	41	52750	8.420	ug/l	93
40) Methyl acrylate	4.848	55	82772	8.674	ug/l	98
41) Tetrahydrofuran	5.057	42	54053	17.232	ug/l	98
42) 1-Chlorobutane	5.459	56	317610	9.985	ug/l	97
43) Dibromomethane	6.919	93	93672	9.859	ug/l	95
44) Bromodichloromethane	7.105	83	233617	10.420	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091622\
 Data File : VU050721.D
 Acq On : 16 Sep 2022 11:32
 Operator : JC/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/19/2022
 Supervised By :Mahesh Dadoda 09/21/2022

Quant Time: Sep 17 01:02:55 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	7.793	43	536305	56.232	ug/l	98
46) t-1,4-Dichloro-2-butene	10.825	75	111299m	19.553	ug/l	
47) Methyl methacrylate	6.964	69	166496	18.760	ug/l	93
48) Ethyl methacrylate	8.333	69	149069	9.293	ug/l	93
49) Toluene	7.970	92	413015	11.706	ug/l	97
50) t-1,3-Dichloropropene	8.211	75	199606	11.434	ug/l	96
51) cis-1,3-Dichloropropene	7.607	75	232992	11.658	ug/l	94
52) 1,1,2-Trichloroethane	8.401	97	133896	9.589	ug/l	98
53) 1,3-Dichloropropane	8.574	76	228163	10.375	ug/l	99
54) 2-Hexanone	8.687	43	373508	56.235	ug/l	99
55) Dibromochloromethane	8.809	129	148039	9.637	ug/l	99
56) 1,2-Dibromoethane	8.925	107	120963	9.645	ug/l	100
58) Tetrachloroethene	8.552	164	137633	9.291	ug/l	99
59) Chlorobenzene	9.446	112	422417	11.095	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.536	131	162119	10.131	ug/l	97
61) Pentachloroethane	11.426	117	141558	10.630	ug/l	90
62) Hexachloroethane	12.475	117	127918	11.547	ug/l	98
63) Ethyl Benzene	9.571	91	765677	9.943	ug/l	99
64) m/p-Xylenes	9.693	106	611280	19.991	ug/l	98
65) o-Xylene	10.102	106	282789	9.936	ug/l	98
66) Styrene	10.115	104	497336	9.813	ug/l	99
67) Bromoform	10.291	173	84377	9.672	ug/l	99
69) Isopropylbenzene	10.484	105	752413	9.997	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	183787	9.563	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	141592m	9.798	ug/l	
72) Bromobenzene	10.780	156	177077	10.773	ug/l	97
73) n-propylbenzene	10.906	120	201355	9.606	ug/l	94
74) 2-Chlorotoluene	10.986	126	188859	9.927	ug/l	97
75) 1,3,5-Trimethylbenzene	11.089	105	669057	9.944	ug/l	100
76) 4-Chlorotoluene	11.098	126	193970	9.781	ug/l	91
77) tert-Butylbenzene	11.420	119	621454	9.817	ug/l	99
78) 1,2,4-Trimethylbenzene	11.468	105	679086	9.667	ug/l	98
79) sec-Butylbenzene	11.645	105	834685	9.644	ug/l	98
80) Nitrobenzene	13.208	77	46675	44.770	ug/l	99
81) p-Isopropyltoluene	11.793	119	657514	9.323	ug/l	99
82) 1,3-Dichlorobenzene	11.745	146	365952	10.813	ug/l	99
83) 1,4-Dichlorobenzene	11.835	146	365697	10.869	ug/l	99
84) n-Butylbenzene	12.208	91	609603	9.438	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	353540	10.626	ug/l	99
86) 1,2-Dibromo-3-Chloropr...	12.999	75	27429	9.045	ug/l	91
87) 1,2,4-Trichlorobenzene	13.841	180	211472	11.140	ug/l	99
88) Hexachlorobutadiene	14.021	225	125788	10.181	ug/l	100
89) Naphthalene	14.089	128	387159	7.759	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	209651	8.620	ug/l	99

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

