

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053793.D
 Acq On : 19 Apr 2023 21:16
 Operator : JC/MD
 Sample : 02213-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: Apr 21 10:13:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

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

Internal Standards						
1) Fluorobenzene	6.108	96	27960	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.629	95	10139	0.925	ug/l	0.00
Spiked Amount 1.000			Recovery	=	92.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	12595	0.966	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	6752	0.797	ug/l	97
3) Chloromethane	1.520	50	6394	0.838	ug/l	96
4) Vinyl Chloride	1.601	62	7630	0.865	ug/l	95
5) Bromomethane	1.848	94	5196	0.782	ug/l	93
6) Chloroethane	1.928	64	4204	0.744	ug/l	98
7) Trichlorofluoromethane	2.134	101	11724	0.791	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	7764	0.805	ug/l	# 87
9) 1,1-Dichloroethene	2.578	96	6400	0.810	ug/l	79
10) Iodomethane	2.719	142	6685	0.777	ug/l	93
11) Allyl Chloride	2.919	41	7247	0.772	ug/l	87
12) Acrylonitrile	3.311	53	3671	1.860	ug/l	99
13) Acetone	2.620	43	6848	2.482	ug/l	98
14) Carbon Disulfide	2.787	76	9797	0.755	ug/l	100
15) Methylene Chloride	3.044	84	10947	0.946	ug/l	89
16) trans-1,2-Dichloroethene	3.346	96	6622	0.775	ug/l	91
17) 1,1-Dichloroethane	3.861	63	15063	0.855	ug/l	99
18) 2-Butanone	4.716	43	10301	2.880	ug/l	100
19) Cyclohexane	5.375	56	9958m	0.817	ug/l	
20) Methylcyclohexane	6.751	83	7395	0.676	ug/l	97
21) 2,2-Dichloropropane	4.658	77	11875	0.742	ug/l	97
22) cis-1,2-Dichloroethene	4.658	96	8399	0.786	ug/l	95
23) Diethyl Ether	2.375	59	5316	0.913	ug/l	# 89
24) tert-Butyl Alcohol	3.182	59	7060	8.902	ug/l	# 1
25) Methyl tert-Butyl Ether	3.363	73	19149	0.869	ug/l	100
26) Bromochloromethane	4.967	128	3921	0.829	ug/l	86
27) Chloroform	5.079	83	16086	0.845	ug/l	93
28) 1,1,1-Trichloroethane	5.308	97	12301	0.780	ug/l	93
29) 1,1-Dichloropropene	5.514	75	7844	0.781	ug/l	98
30) Carbon Tetrachloride	5.514	117	8940	0.792	ug/l	88
31) Isopropyl Ether	3.996	45	22513	0.883	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	20971	0.814	ug/l	92
33) Tert-Amyl methyl ether	5.948	73	15552	0.826	ug/l	98
34) Propionitrile	4.780	54	3653	4.567	ug/l	# 21
35) Benzene	5.764	78	24492	0.792	ug/l	98
36) 1,2-Dichloroethane	5.790	62	8082	0.832	ug/l	99
37) Trichloroethene	6.536	130	6700	0.763	ug/l	98
38) 1,2-Dichloropropane	6.793	63	7051	0.801	ug/l	98
39) Methacrylonitrile	4.977	41	3041	0.953	ug/l	# 87
40) Methyl acrylate	4.848	55	5256	0.997	ug/l	# 84
41) Tetrahydrofuran	5.060	42	3041	1.922	ug/l	95
42) 1-Chlorobutane	5.449	56	10743	0.784	ug/l	95
43) Dibromomethane	6.915	93	3786	0.848	ug/l	97
44) Bromodichloromethane	7.102	83	8589	0.763	ug/l	# 95

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041923\
 Data File : VU053793.D
 Acq On : 19 Apr 2023 21:16
 Operator : JC/MD
 Sample : 02213-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2023

Quant Time: Apr 21 10:13:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U041923DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Apr 21 09:18:21 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/08/2023
 Supervised By :Mahesh Dadoda 06/08/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	18860	4.155	ug/l #	94
46) t-1,4-Dichloro-2-butene	10.832	75	2941m	1.560	ug/l	
47) Methyl methacrylate	6.970	69	6059	1.546	ug/l	96
48) Ethyl methacrylate	8.337	69	5499	0.716	ug/l	89
49) Toluene	7.967	92	13947	0.716	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	7533	0.745	ug/l	93
51) cis-1,3-Dichloropropene	7.607	75	8339	0.691	ug/l	97
52) 1,1,2-Trichloroethane	8.398	97	5925	0.837	ug/l	94
53) 1,3-Dichloropropane	8.575	76	9564	0.863	ug/l	99
54) 2-Hexanone	8.690	43	13200	3.101	ug/l	96
55) Dibromochloromethane	8.803	129	5180	0.696	ug/l	92
56) 1,2-Dibromoethane	8.919	107	5198	0.851	ug/l	98
58) Tetrachloroethene	8.546	164	6298	0.742	ug/l	91
59) Chlorobenzene	9.443	112	17977	0.742	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.529	131	6586	0.754	ug/l	95
61) Pentachloroethane	11.423	117	4806	0.713	ug/l	95
62) Hexachloroethane	12.471	117	4627	0.703	ug/l	97
63) Ethyl Benzene	9.568	91	26591	0.695	ug/l	100
64) m/p-Xylenes	9.690	106	19982	1.325	ug/l	99
65) o-Xylene	10.095	106	11291	0.743	ug/l	91
66) Styrene	10.111	104	15629	0.647	ug/l	98
67) Bromoform	10.285	173	2960	0.765	ug/l #	95
69) Isopropylbenzene	10.481	105	26938	0.678	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.780	83	7945	0.871	ug/l #	99
71) 1,2,3-Trichloropropane	10.828	75	4224m	0.642	ug/l	
72) Bromobenzene	10.780	156	7710	0.756	ug/l	86
73) n-propylbenzene	10.906	120	7787	0.706	ug/l	86
74) 2-Chlorotoluene	10.983	126	7547	0.724	ug/l	83
75) 1,3,5-Trimethylbenzene	11.086	105	22146	0.639	ug/l	99
76) 4-Chlorotoluene	11.095	126	7317	0.689	ug/l	85
77) tert-Butylbenzene	11.417	119	23559	0.675	ug/l	95
78) 1,2,4-Trimethylbenzene	11.465	105	23047	0.652	ug/l	100
79) sec-Butylbenzene	11.642	105	31338	0.668	ug/l	100
80) Nitrobenzene	13.214	77	1231	4.262	ug/l #	76
81) p-Isopropyltoluene	11.790	119	23433	0.610	ug/l	97
82) 1,3-Dichlorobenzene	11.745	146	15234	0.699	ug/l	98
83) 1,4-Dichlorobenzene	11.835	146	14761	0.679	ug/l	94
84) n-Butylbenzene	12.205	91	22829	0.864	ug/l	96
85) 1,2-Dichlorobenzene	12.211	146	15700	0.737	ug/l	95
86) 1,2-Dibromo-3-Chloropr...	12.992	75	948	0.738	ug/l	89
87) 1,2,4-Trichlorobenzene	13.838	180	8330	0.591	ug/l	94
88) Hexachlorobutadiene	14.015	225	5036	0.670	ug/l	97
89) Naphthalene	14.086	128	16743	0.678	ug/l	97
90) 1,2,3-Trichlorobenzene	14.327	180	8288	0.619	ug/l	99

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

