

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060524\
 Data File : VU059148.D
 Acq On : 05 Jun 2024 11:46
 Operator : MD/SY
 Sample : VSTDICCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTDICCC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/10/2024
 Supervised By :Semsettin Yesilyurt 06/10/2024

Quant Time: Jun 06 02:39:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U060524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jun 06 02:35:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	44081	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.630	95	15403	1.027	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15432	0.983	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	140140	10.148	ug/l	100
3) Chloromethane	1.515	50	162357	9.766	ug/l	100
4) Vinyl Chloride	1.599	62	166389	9.903	ug/l	100
5) Bromomethane	1.853	94	95215	9.327	ug/l	100
6) Chloroethane	1.930	64	102141	9.449	ug/l	100
7) Trichlorofluoromethane	2.132	101	193067	9.261	ug/l	100
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	104404	9.742	ug/l	100
9) 1,1-Dichloroethene	2.573	96	104677	9.859	ug/l	100
10) Iodomethane	2.714	142	152868	11.476	ug/l	100
11) Allyl Chloride	2.917	41	144568	10.075	ug/l	100
12) Acrylonitrile	3.316	53	50822	21.187	ug/l	100
13) Acetone	2.631	43	164777	44.902	ug/l	100
14) Carbon Disulfide	2.788	76	334552	9.887	ug/l	100
15) Methylene Chloride	3.039	84	130744	8.982	ug/l	100
16) trans-1,2-Dichloroethene	3.345	96	117522	10.144	ug/l	100
17) 1,1-Dichloroethane	3.859	63	240008	9.893	ug/l	100
18) 2-Butanone	4.701	43	194026	47.894	ug/l	100
19) Cyclohexane	5.383	56	194581m	11.082	ug/l	
20) Methylcyclohexane	6.759	83	199359	11.299	ug/l	100
21) 2,2-Dichloropropane	4.656	77	182335	10.161	ug/l	100
22) cis-1,2-Dichloroethene	4.656	96	132662	10.537	ug/l	100
23) Diethyl Ether	2.370	59	95160	9.558	ug/l	100
24) tert-Butyl Alcohol	3.197	59	59404	89.262	ug/l	100
25) Methyl tert-Butyl Ether	3.354	73	270167	10.613	ug/l	100
26) Bromochloromethane	4.965	128	54782	10.303	ug/l	100
27) Chloroform	5.078	83	241969	9.922	ug/l	100
28) 1,1,1-Trichloroethane	5.309	97	193794	10.078	ug/l	100
29) 1,1-Dichloropropene	5.518	75	171496	10.644	ug/l	100
30) Carbon Tetrachloride	5.518	117	160028	10.148	ug/l	100
31) Isopropyl Ether	3.981	45	340639	10.706	ug/l	100
32) Ethyl-t-butyl ether	4.492	59	320197	10.817	ug/l	100
33) Tert-Amyl methyl ether	5.933	73	283837	10.862	ug/l	100
34) Propionitrile	4.779	54	46592	50.702	ug/l	100
35) Benzene	5.766	78	520916	10.279	ug/l	100
36) 1,2-Dichloroethane	5.785	62	152487	10.146	ug/l	100
37) Trichloroethene	6.537	130	120703	9.973	ug/l	100
38) 1,2-Dichloropropane	6.782	63	147202	10.229	ug/l	100
39) Methacrylonitrile	4.965	41	38102	11.016	ug/l	100
40) Methyl acrylate	4.840	55	66387	10.972	ug/l	100
41) Tetrahydrofuran	5.049	42	37327	20.036	ug/l	100
42) 1-Chlorobutane	5.451	56	241223	10.832	ug/l	100
43) Dibromomethane	6.914	93	66636	10.227	ug/l	100
44) Bromodichloromethane	7.100	83	171775	10.175	ug/l	100

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45) 4-Methyl-2-Pentanone	7.785	43	373141	53.420	ug/l	100
46) t-1,4-Dichloro-2-butene	10.830	75	59271m	19.746	ug/l	
47) Methyl methacrylate	6.955	69	127163	22.727	ug/l	100
48) Ethyl methacrylate	8.328	69	114584	11.592	ug/l	100
49) Toluene	7.965	92	307928	11.033	ug/l	100
50) t-1,3-Dichloropropene	8.206	75	156137	10.809	ug/l	100
51) cis-1,3-Dichloropropene	7.602	75	188133	10.632	ug/l	100
52) 1,1,2-Trichloroethane	8.393	97	94348	9.800	ug/l	100
53) 1,3-Dichloropropane	8.569	76	170463	10.276	ug/l	100
54) 2-Hexanone	8.679	43	291014	44.918	ug/l	100
55) Dibromochloromethane	8.804	129	107044	10.273	ug/l	100
56) 1,2-Dibromoethane	8.917	107	85252	10.096	ug/l	100
58) Tetrachloroethene	8.547	164	110145	9.873	ug/l	100
59) Chlorobenzene	9.441	112	321881	10.541	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.528	131	111624	10.206	ug/l	100
61) Pentachloroethane	11.421	117	86291	10.171	ug/l	100
62) Hexachloroethane	12.470	117	94384	10.943	ug/l	100
63) Ethyl Benzene	9.566	91	585907	11.328	ug/l	100
64) m/p-Xylenes	9.688	106	452964	23.296	ug/l	100
65) o-Xylene	10.093	106	216029	11.267	ug/l	100
66) Styrene	10.110	104	361967	9.808	ug/l	100
67) Bromoform	10.283	173	57624	10.214	ug/l	100
69) Isopropylbenzene	10.479	105	566960	11.541	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	124455	10.282	ug/l	100
71) 1,2,3-Trichloropropane	10.820	75	87030m	9.670	ug/l	
72) Bromobenzene	10.775	156	126981	10.782	ug/l	100
73) n-propylbenzene	10.900	120	155594	9.875	ug/l	100
74) 2-Chlorotoluene	10.981	126	133674	11.135	ug/l	100
75) 1,3,5-Trimethylbenzene	11.084	105	491722	9.766	ug/l	100
76) 4-Chlorotoluene	11.090	126	142385	11.346	ug/l	100
77) tert-Butylbenzene	11.415	119	450723	11.430	ug/l	100
78) 1,2,4-Trimethylbenzene	11.463	105	510289	9.874	ug/l	100
79) sec-Butylbenzene	11.637	105	646405	9.879	ug/l	100
80) Nitrobenzene	13.206	77	17238m	51.163	ug/l	
81) p-Isopropyltoluene	11.788	119	523970	9.973	ug/l	100
82) 1,3-Dichlorobenzene	11.740	146	266059	10.661	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	271068	10.862	ug/l	100
84) n-Butylbenzene	12.203	91	515665	10.218	ug/l	100
85) 1,2-Dichlorobenzene	12.206	146	253013	10.742	ug/l	100
86) 1,2-Dibromo-3-Chloropr...	12.990	75	18361	11.147	ug/l	100
87) 1,2,4-Trichlorobenzene	13.836	180	149475	11.855	ug/l	100
88) Hexachlorobutadiene	14.016	225	86749	11.022	ug/l	100
89) Naphthalene	14.080	128	237972	11.945	ug/l	100
90) 1,2,3-Trichlorobenzene	14.325	180	137868	12.026	ug/l	100

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

