

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101624\
 Data File : VU061138.D
 Acq On : 16 Oct 2024 14:04
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICSVU101624

Quant Time: Oct 17 05:19:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 17 05:11:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

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

Internal Standards						
1) Fluorobenzene	6.110	96	29762	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.627	95	15996	1.041	ug/l	0.00
Spiked Amount 1.000			Recovery	=	104.000%	
68) 1,2-Dichlorobenzene-d4	12.187	152	15415	1.031	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	68379	11.797	ug/l	98
3) Chloromethane	1.515	50	82847	20.842	ug/l	99
4) Vinyl Chloride	1.602	62	95812	20.507	ug/l	100
5) Bromomethane	1.853	94	69661	22.226	ug/l	100
6) Chloroethane	1.927	64	72636	14.917	ug/l	99
7) Trichlorofluoromethane	2.132	101	150948	13.425	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.576	101	94884	13.097	ug/l	99
9) 1,1-Dichloroethene	2.573	96	90660	17.608	ug/l	96
10) Iodomethane	2.714	142	93024	19.983	ug/l	100
11) Allyl Chloride	2.917	41	127436	15.325	ug/l	95
12) Acrylonitrile	3.309	53	104443	50.052	ug/l	96
13) Acetone	2.631	43	107760	34.025	ug/l	100
14) Carbon Disulfide	2.788	76	216076	52.572	ug/l	98
15) Methylene Chloride	3.039	84	108584	12.272	ug/l	97
16) trans-1,2-Dichloroethene	3.345	96	98795	16.988	ug/l	97
17) 1,1-Dichloroethane	3.859	63	205295	11.774	ug/l	99
18) 2-Butanone	4.698	43	139400	37.932	ug/l	100
19) Cyclohexane	5.380	56	154489m	21.085	ug/l	
20) Methylcyclohexane	6.753	83	187020	20.061	ug/l	99
21) 2,2-Dichloropropane	4.653	77	188942	11.180	ug/l	100
22) cis-1,2-Dichloroethene	4.656	96	131734	13.384	ug/l	97
23) Diethyl Ether	2.370	59	67925	12.051	ug/l	94
24) tert-Butyl Alcohol	3.210	59	46248	48.528	ug/l	100
25) Methyl tert-Butyl Ether	3.354	73	276254	10.663	ug/l	99
26) Bromochloromethane	4.965	128	52316	12.756	ug/l	99
27) Chloroform	5.078	83	221512	10.566	ug/l	98
28) 1,1,1-Trichloroethane	5.306	97	192013	11.574	ug/l	99
29) 1,1-Dichloropropene	5.518	75	142768	14.851	ug/l	99
30) Carbon Tetrachloride	5.515	117	162260	12.691	ug/l	98
31) Isopropyl Ether	3.981	45	318014	11.165	ug/l #	1
34) Propionitrile	4.769	54	84425	99.886	ug/l	96
35) Benzene	5.766	78	458210	13.574	ug/l	99
36) 1,2-Dichloroethane	5.785	62	128411	11.034	ug/l	99
37) Trichloroethene	6.534	130	111959	11.971	ug/l	97
38) 1,2-Dichloropropane	6.782	63	117340	10.463	ug/l	98
39) Methacrylonitrile	4.965	41	30854	10.636	ug/l	98
40) Methyl acrylate	4.840	55	57594	10.998	ug/l	99
41) Tetrahydrofuran	5.046	42	81280	51.009	ug/l	99
42) 1-Chlorobutane	5.447	56	207478	15.283	ug/l	99
43) Dibromomethane	6.910	93	61934	11.862	ug/l	98
44) Bromodichloromethane	7.097	83	167739	10.594	ug/l	99
45) 4-Methyl-2-Pentanone	7.782	43	332457	48.574	ug/l	100
46) t-1,4-Dichloro-2-butene	10.827	75	30952m	10.572	ug/l	

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101624\
 Data File : VU061138.D
 Acq On : 16 Oct 2024 14:04
 Operator : MD/SY
 Sample : VSTDICV010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ICVVU101624

Quant Time: Oct 17 05:19:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101624DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Oct 17 05:11:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024
 Supervised By :Semsettin Yesilyurt 10/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Methyl methacrylate	6.952	69	58424	10.945	ug/l	99
48) Ethyl methacrylate	8.325	69	123463	11.088	ug/l	100
49) Toluene	7.962	92	296430	12.924	ug/l	100
50) t-1,3-Dichloropropene	8.203	75	149421	10.720	ug/l	99
51) cis-1,3-Dichloropropene	7.598	75	179285	11.048	ug/l	98
52) 1,1,2-Trichloroethane	8.389	97	85371	9.652	ug/l	97
53) 1,3-Dichloropropane	8.566	76	144196	10.066	ug/l	100
54) 2-Hexanone	8.676	43	244694	40.646	ug/l	100
55) Dibromochloromethane	8.801	129	108181	10.128	ug/l	100
56) 1,2-Dibromoethane	8.917	107	77784	10.434	ug/l	100
58) Tetrachloroethene	8.547	164	101322	12.388	ug/l	99
59) Chlorobenzene	9.441	112	327844	11.030	ug/l	100
60) 1,1,1,2-Tetrachloroethane	9.524	131	109591	9.452	ug/l	99
61) Pentachloroethane	11.418	117	91856	10.285	ug/l	98
62) Hexachloroethane	12.466	117	94415	10.136	ug/l	98
63) Ethyl Benzene	9.563	91	591588	11.646	ug/l	99
64) m/p-Xylenes	9.685	106	448297	23.716	ug/l	100
65) o-Xylene	10.094	106	221045	11.057	ug/l	100
66) Styrene	10.106	104	366435	11.501	ug/l	100
67) Bromoform	10.283	173	57716	10.051	ug/l	98
69) Isopropylbenzene	10.476	105	588024	10.819	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.772	83	103505	8.895	ug/l	98
71) 1,2,3-Trichloropropane	10.817	75	79611m	8.938	ug/l	
72) Bromobenzene	10.775	156	127933	10.758	ug/l	99
73) n-propylbenzene	10.897	120	157210	11.075	ug/l	99
74) 2-Chlorotoluene	10.978	126	137404	10.655	ug/l	98
75) 1,3,5-Trimethylbenzene	11.081	105	496220	10.876	ug/l	100
76) 4-Chlorotoluene	11.090	126	138717	10.610	ug/l	99
77) tert-Butylbenzene	11.412	119	499150	10.509	ug/l	99
78) 1,2,4-Trimethylbenzene	11.460	105	492204	10.566	ug/l	99
79) sec-Butylbenzene	11.634	105	650998	10.601	ug/l	99
80) Nitrobenzene	13.212	77	2814m	11.920	ug/l	
81) p-Isopropyltoluene	11.785	119	535622	10.755	ug/l	100
82) 1,3-Dichlorobenzene	11.737	146	260692	10.406	ug/l	100
83) 1,4-Dichlorobenzene	11.830	146	258101	10.370	ug/l	99
84) n-Butylbenzene	12.200	91	517309	10.790	ug/l	100
85) 1,2-Dichlorobenzene	12.203	146	238794	9.894	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	12.987	75	16368	9.034	ug/l	97
87) 1,2,4-Trichlorobenzene	13.833	180	156678	10.879	ug/l	98
88) Hexachlorobutadiene	14.013	225	77376	9.674	ug/l	98
89) Naphthalene	14.081	128	277501	11.472	ug/l	99
90) 1,2,3-Trichlorobenzene	14.322	180	132419	10.862	ug/l	100

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

