

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049640.D
 Acq On : 06 Jul 2022 17:40
 Operator : SY/MD
 Sample : N3214-07 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jul 07 07:35:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 07:34:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

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

Internal Standards						
1) Fluorobenzene	6.115	96	46220	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.636	95	16704	0.987	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	16069	1.031	ug/l	0.00
Spiked Amount 1.000			Recovery	=	103.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	11454	0.647	ug/l	98
3) Chloromethane	1.527	50	15347	0.848	ug/l	100
4) Vinyl Chloride	1.604	62	11544	0.699	ug/l	92
5) Bromomethane	1.855	94	6420	0.746	ug/l	99
6) Chloroethane	1.932	64	6972	0.754	ug/l	99
7) Trichlorofluoromethane	2.141	101	13145	0.664	ug/l	94
8) 1,1,2-Trichloro-1,2,2-...	2.581	101	6878	0.662	ug/l	94
9) 1,1-Dichloroethene	2.581	96	7253	0.692	ug/l	97
10) Iodomethane	2.719	142	4240	0.319	ug/l	91
11) Allyl Chloride	2.922	41	14309	0.801	ug/l	97
12) Acrylonitrile	3.318	53	4588	1.637	ug/l	91
13) Acetone	2.629	43	10812	4.890	ug/l	99
14) Carbon Disulfide	2.790	76	24127	0.699	ug/l	99
15) Methylene Chloride	3.041	84	17835	1.359	ug/l	95
16) trans-1,2-Dichloroethene	3.346	96	8425	0.766	ug/l	99
17) 1,1-Dichloroethane	3.867	63	17704	0.778	ug/l	97
18) 2-Butanone	4.726	43	15382	4.082	ug/l	92
19) Cyclohexane	5.385	56	14137m	0.650	ug/l	
20) Methylcyclohexane	6.761	83	12494	0.583	ug/l	95
21) 2,2-Dichloropropane	4.662	77	12326	0.662	ug/l	97
22) cis-1,2-Dichloroethene	4.665	96	10772	0.794	ug/l	98
23) Diethyl Ether	2.379	59	7511	0.841	ug/l	96
24) tert-Butyl Alcohol	3.199	59	9253	9.084	ug/l	98
25) Methyl tert-Butyl Ether	3.372	73	24460	0.835	ug/l	98
26) Bromochloromethane	4.980	128	4754	0.832	ug/l	98
27) Chloroform	5.092	83	16855	0.753	ug/l	96
28) 1,1,1-Trichloroethane	5.317	97	14112	0.715	ug/l	96
29) 1,1-Dichloropropene	5.526	75	12590	0.714	ug/l	95
30) Carbon Tetrachloride	5.523	117	11505	0.692	ug/l	99
31) Isopropyl Ether	4.002	45	30272	0.776	ug/l	97
32) Ethyl-t-butyl ether	4.510	59	27934	0.756	ug/l	98
33) Tert-Amyl methyl ether	5.951	73	25562	0.796	ug/l	97
34) Propionitrile	4.790	54	4702	4.351	ug/l #	86
35) Benzene	5.774	78	39148	0.779	ug/l	100
36) 1,2-Dichloroethane	5.800	62	12011	0.840	ug/l	95
37) Trichloroethene	6.542	130	8925	0.703	ug/l	88
38) 1,2-Dichloropropane	6.793	63	10500	0.789	ug/l	100
39) Methacrylonitrile	4.986	41	3722	0.804	ug/l	97
40) Methyl acrylate	4.864	55	5482	0.756	ug/l #	95
41) Tetrahydrofuran	5.073	42	4855	1.774	ug/l	98
42) 1-Chlorobutane	5.459	56	17286	0.699	ug/l	96
43) Dibromomethane	6.922	93	5565	0.839	ug/l	97
44) Bromodichloromethane	7.108	83	12224	0.769	ug/l #	89

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049640.D
 Acq On : 06 Jul 2022 17:40
 Operator : SY/MD
 Sample : N3214-07 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2022

Quant Time: Jul 07 07:35:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U070622DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Thu Jul 07 07:34:06 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/07/2022
 Supervised By :Mahesh Dadoda 07/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 4-Methyl-2-Pentanone	7.796	43	36996	4.112	ug/l	98
46) t-1,4-Dichloro-2-butene	10.832	75	5453m	1.862	ug/l	
47) Methyl methacrylate	6.967	69	11227	1.679	ug/l	98
48) Ethyl methacrylate	8.337	69	10312	0.769	ug/l	98
49) Toluene	7.970	92	22623	0.737	ug/l	98
50) t-1,3-Dichloropropene	8.211	75	10973	0.715	ug/l #	85
51) cis-1,3-Dichloropropene	7.607	75	13492	0.742	ug/l	97
52) 1,1,2-Trichloroethane	8.401	97	8028	0.877	ug/l	91
53) 1,3-Dichloropropane	8.578	76	13544	0.825	ug/l	98
54) 2-Hexanone	8.690	43	25214	4.035	ug/l	98
55) Dibromochloromethane	8.813	129	8367	0.801	ug/l	98
56) 1,2-Dibromoethane	8.925	107	7204	0.813	ug/l	95
58) Tetrachloroethene	8.552	164	7166	0.679	ug/l	91
59) Chlorobenzene	9.449	112	24566	0.765	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.536	131	8653	0.758	ug/l	97
61) Pentachloroethane	11.427	117	6476	0.739	ug/l	99
62) Hexachloroethane	12.475	117	5839	0.665	ug/l	97
63) Ethyl Benzene	9.571	91	39864	0.690	ug/l	99
64) m/p-Xylenes	9.693	106	29742	1.391	ug/l	97
65) o-Xylene	10.099	106	15071	0.717	ug/l	98
66) Styrene	10.115	104	24807	0.735	ug/l	99
67) Bromoform	10.292	173	4741	0.795	ug/l #	95
69) Isopropylbenzene	10.484	105	39286	0.700	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.783	83	10313	0.868	ug/l	99
71) 1,2,3-Trichloropropane	10.825	75	6511m	0.662	ug/l	
72) Bromobenzene	10.783	156	10006	0.791	ug/l	99
73) n-propylbenzene	10.906	120	9751	0.689	ug/l	99
74) 2-Chlorotoluene	10.986	126	8728	0.691	ug/l	87
75) 1,3,5-Trimethylbenzene	11.089	105	31522	0.672	ug/l	97
76) 4-Chlorotoluene	11.099	126	9595	0.758	ug/l	81
77) tert-Butylbenzene	11.420	119	31615	0.684	ug/l	97
78) 1,2,4-Trimethylbenzene	11.468	105	33582	0.713	ug/l	99
79) sec-Butylbenzene	11.642	105	40526	0.669	ug/l	98
80) Nitrobenzene	13.214	77	1730	3.558	ug/l #	70
81) p-Isopropyltoluene	11.793	119	32192	0.655	ug/l	100
82) 1,3-Dichlorobenzene	11.748	146	19043	0.778	ug/l	98
83) 1,4-Dichlorobenzene	11.838	146	18584	0.753	ug/l	97
84) n-Butylbenzene	12.208	91	28773	0.629	ug/l	99
85) 1,2-Dichlorobenzene	12.214	146	19162	0.809	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.002	75	1700	0.820	ug/l	94
87) 1,2,4-Trichlorobenzene	13.841	180	12563	0.786	ug/l	96
88) Hexachlorobutadiene	14.021	225	5572	0.684	ug/l	96
89) Naphthalene	14.089	128	27856	0.831	ug/l	98
90) 1,2,3-Trichlorobenzene	14.333	180	11415	0.748	ug/l	97

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

