

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101822\
 Data File : VU051445.D
 Acq On : 18 Oct 2022 16:47
 Operator : JC/MD
 Sample : N4955-07 0.8PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Quant Time: Oct 19 03:57:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U101722DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Wed Oct 19 03:54:58 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 10/25/2022
 Supervised By :Mahesh Dadoda 10/25/2022

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

Internal Standards						
1) Fluorobenzene	6.112	96	46079	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.632	95	12964	0.802	ug/l	0.00
Spiked Amount 1.000			Recovery	=	80.000%	
68) 1,2-Dichlorobenzene-d4	12.192	152	16125	0.893	ug/l	0.00
Spiked Amount 1.000			Recovery	=	89.000%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	11339	0.705	ug/l	97
3) Chloromethane	1.533	50	17949	0.708	ug/l	96
4) Vinyl Chloride	1.604	62	15292	0.697	ug/l	95
5) Bromomethane	1.851	94	9900	0.809	ug/l	87
6) Chloroethane	1.929	64	10156	0.812	ug/l	93
7) Trichlorofluoromethane	2.138	101	16623	0.678	ug/l	98
8) 1,1,2-Trichloro-1,2,2-...	2.578	101	9961	0.736	ug/l	98
9) 1,1-Dichloroethene	2.578	96	10131	0.716	ug/l	99
10) Iodomethane	2.719	142	12466	0.680	ug/l	100
11) Allyl Chloride	2.919	41	15804	0.733	ug/l	94
12) Acrylonitrile	3.314	53	6434	1.546	ug/l	93
13) Acetone	2.626	43	11764	3.926	ug/l	97
14) Carbon Disulfide	2.790	76	35367	0.702	ug/l	100
15) Methylene Chloride	3.041	84	21098	1.019	ug/l	93
16) trans-1,2-Dichloroethene	3.346	96	10959	0.676	ug/l	90
17) 1,1-Dichloroethane	3.861	63	20363	0.698	ug/l	98
18) 2-Butanone	4.716	43	12987	3.572	ug/l	97
19) Cyclohexane	5.385	56	9883m	0.547	ug/l	
20) Methylcyclohexane	6.758	83	9641	0.538	ug/l	94
21) 2,2-Dichloropropane	4.665	77	13384	0.657	ug/l	97
22) cis-1,2-Dichloroethene	4.665	96	9979	0.650	ug/l	96
23) Diethyl Ether	2.379	59	9362	0.758	ug/l	97
24) tert-Butyl Alcohol	3.189	59	12453	9.617	ug/l	95
25) Methyl tert-Butyl Ether	3.369	73	27998	0.761	ug/l	95
26) Bromochloromethane	4.973	128	5626	0.752	ug/l	98
27) Chloroform	5.089	83	21168	0.717	ug/l	99
28) 1,1,1-Trichloroethane	5.317	97	15677	0.665	ug/l	95
29) 1,1-Dichloropropene	5.523	75	10489	0.581	ug/l	99
30) Carbon Tetrachloride	5.520	117	13353	0.671	ug/l	93
31) Isopropyl Ether	3.999	45	21545	0.625	ug/l	82
32) Ethyl-t-butyl ether	4.510	59	19177	0.609	ug/l	99
33) Tert-Amyl methyl ether	5.944	73	16469	0.595	ug/l	98
34) Propionitrile	4.793	54	4441	3.633	ug/l #	95
35) Benzene	5.771	78	37615	0.621	ug/l	99
36) 1,2-Dichloroethane	5.793	62	13787	0.738	ug/l	97
37) Trichloroethene	6.542	130	9177	0.645	ug/l	98
38) 1,2-Dichloropropane	6.790	63	10742	0.646	ug/l	95
39) Methacrylonitrile	4.983	41	2680m	0.641	ug/l	
40) Methyl acrylate	4.858	55	4642	0.697	ug/l #	90
41) Tetrahydrofuran	5.070	42	2709	1.235	ug/l	97
42) 1-Chlorobutane	5.456	56	15271	0.620	ug/l	97
43) Dibromomethane	6.919	93	5683	0.659	ug/l	98
44) Bromodichloromethane	7.105	83	14448	0.692	ug/l #	99

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45) 4-Methyl-2-Pentanone	7.793	43	24123	2.938	ug/l	94
46) t-1,4-Dichloro-2-butene	10.822	75	7585m	1.655	ug/l	
47) Methyl methacrylate	6.967	69	7229	1.096	ug/l	96
48) Ethyl methacrylate	8.333	69	5983	0.542	ug/l	93
49) Toluene	7.970	92	17977	0.541	ug/l	99
50) t-1,3-Dichloropropene	8.214	75	10391	0.619	ug/l	95
51) cis-1,3-Dichloropropene	7.610	75	11857	0.599	ug/l	98
52) 1,1,2-Trichloroethane	8.398	97	8621	0.700	ug/l	90
53) 1,3-Dichloropropane	8.578	76	13037	0.657	ug/l	97
54) 2-Hexanone	8.687	43	15876	2.812	ug/l	90
55) Dibromochloromethane	8.809	129	9369	0.700	ug/l	96
56) 1,2-Dibromoethane	8.925	107	7129	0.658	ug/l	99
58) Tetrachloroethene	8.552	164	8034	0.649	ug/l	96
59) Chlorobenzene	9.446	112	22045	0.605	ug/l	92
60) 1,1,1,2-Tetrachloroethane	9.536	131	9794	0.701	ug/l	96
61) Pentachloroethane	11.427	117	8385	0.673	ug/l	90
62) Hexachloroethane	12.475	117	8029	0.679	ug/l	98
63) Ethyl Benzene	9.568	91	27583	0.499	ug/l	100
64) m/p-Xylenes	9.693	106	20215	0.917	ug/l	98
65) o-Xylene	10.099	106	10507	0.490	ug/l	99
66) Styrene	10.115	104	15152	0.426	ug/l	94
67) Bromoform	10.288	173	5397	0.718	ug/l	96
69) Isopropylbenzene	10.481	105	24023	0.455	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.780	83	11867	0.713	ug/l	95
71) 1,2,3-Trichloropropane	10.822	75	9690m	0.783	ug/l	
72) Bromobenzene	10.780	156	7994	0.551	ug/l	98
73) n-propylbenzene	10.906	120	5924	0.399	ug/l	81
74) 2-Chlorotoluene	10.986	126	6518	0.462	ug/l	99
75) 1,3,5-Trimethylbenzene	11.089	105	19958	0.417	ug/l	96
76) 4-Chlorotoluene	11.099	126	6630	0.459	ug/l	84
77) tert-Butylbenzene	11.420	119	23299	0.498	ug/l	93
78) 1,2,4-Trimethylbenzene	11.468	105	19583	0.393	ug/l	97
79) sec-Butylbenzene	11.642	105	26375	0.426	ug/l	97
80) Nitrobenzene	13.217	77	2547	3.089	ug/l #	90
81) p-Isopropyltoluene	11.793	119	19677	0.398	ug/l	95
82) 1,3-Dichlorobenzene	11.745	146	18236	0.585	ug/l	92
83) 1,4-Dichlorobenzene	11.838	146	16049	0.526	ug/l	97
84) n-Butylbenzene	12.211	91	19524	0.398	ug/l	97
85) 1,2-Dichlorobenzene	12.211	146	16390	0.534	ug/l	96
86) 1,2-Dibromo-3-Chloropr...	12.999	75	1772	0.680	ug/l	91
87) 1,2,4-Trichlorobenzene	13.841	180	8592	0.517	ug/l	99
88) Hexachlorobutadiene	14.018	225	6195	0.571	ug/l	95
89) Naphthalene	14.092	128	14862	0.427	ug/l	98
90) 1,2,3-Trichlorobenzene	14.330	180	7928	0.436	ug/l	95

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

