

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070622\
 Data File : VU049639.D
 Acq On : 06 Jul 2022 17:12
 Operator : SY/MD
 Sample : N3214-07 0.4PPB
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Jul 07 07:35:03 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	52491	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.633	95	18414	0.958	ug/l	0.00
Spiked Amount 1.000			Recovery	=	96.000%	
68) 1,2-Dichlorobenzene-d4	12.195	152	17469	0.987	ug/l	0.00
Spiked Amount 1.000			Recovery	=	99.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	4659	0.232	ug/l	96
3) Chloromethane	1.527	50	8114	0.395	ug/l	93
4) Vinyl Chloride	1.604	62	5674	0.303	ug/l	99
5) Bromomethane	1.855	94	3161	0.323	ug/l	85
6) Chloroethane	1.932	64	3444	0.328	ug/l	99
7) Trichlorofluoromethane	2.138	101	6245	0.278	ug/l	96
8) 1,1,2-Trichloro-1,2,2-...	2.582	101	3420	0.290	ug/l	94
9) 1,1-Dichloroethene	2.578	96	3730	0.313	ug/l	95
10) Iodomethane	2.720	142	1522	0.101	ug/l	99
11) Allyl Chloride	2.922	41	7347	0.362	ug/l	85
12) Acrylonitrile	3.321	53	2172	0.683	ug/l #	91
13) Acetone	2.639	43	6452	2.570	ug/l #	86
14) Carbon Disulfide	2.791	76	12297	0.314	ug/l #	89
15) Methylene Chloride	3.045	84	13712	0.920	ug/l	98
16) trans-1,2-Dichloroethene	3.350	96	3858	0.309	ug/l	90
17) 1,1-Dichloroethane	3.871	63	7910	0.306	ug/l	97
18) 2-Butanone	4.733	43	7514	1.756	ug/l	94
19) Cyclohexane	5.389	56	6455m	0.261	ug/l	
20) Methylcyclohexane	6.758	83	6321	0.260	ug/l	99
21) 2,2-Dichloropropane	4.665	77	6692	0.316	ug/l	96
22) cis-1,2-Dichloroethene	4.668	96	4662	0.302	ug/l	92
23) Diethyl Ether	2.376	59	3072	0.303	ug/l #	87
24) tert-Butyl Alcohol	3.237	59	4905m	4.240	ug/l	
25) Methyl tert-Butyl Ether	3.369	73	11314	0.340	ug/l	98
26) Bromochloromethane	4.974	128	2075	0.320	ug/l	96
27) Chloroform	5.090	83	8381	0.330	ug/l	97
28) 1,1,1-Trichloroethane	5.315	97	6930	0.309	ug/l	98
29) 1,1-Dichloropropene	5.524	75	5970	0.298	ug/l	97
30) Carbon Tetrachloride	5.527	117	5475	0.290	ug/l	93
31) Isopropyl Ether	4.006	45	14173	0.320	ug/l	95
32) Ethyl-t-butyl ether	4.511	59	12911	0.308	ug/l	100
33) Tert-Amyl methyl ether	5.948	73	11478	0.315	ug/l #	93
34) Propionitrile	4.803	54	1827m	1.489	ug/l	
35) Benzene	5.774	78	18935	0.332	ug/l	97
36) 1,2-Dichloroethane	5.800	62	5096	0.314	ug/l #	86
37) Trichloroethene	6.540	130	4813	0.334	ug/l	95
38) 1,2-Dichloropropane	6.790	63	4845	0.321	ug/l	96
39) Methacrylonitrile	4.990	41	1805	0.343	ug/l #	82
40) Methyl acrylate	4.861	55	2683	0.326	ug/l #	80
41) Tetrahydrofuran	5.077	42	2783	0.895	ug/l #	83
42) 1-Chlorobutane	5.462	56	8417	0.300	ug/l	99
43) Dibromomethane	6.922	93	2525	0.335	ug/l	96
44) Bromodichloromethane	7.109	83	5747	0.318	ug/l #	90

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45) 4-Methyl-2-Pentanone	7.797	43	16963	1.660	ug/l	94
46) t-1,4-Dichloro-2-butene	10.835	75	2025m	0.609	ug/l	
47) Methyl methacrylate	6.970	69	4455	0.587	ug/l	92
48) Ethyl methacrylate	8.337	69	4379	0.288	ug/l	95
49) Toluene	7.974	92	11261	0.323	ug/l	90
50) t-1,3-Dichloropropene	8.212	75	5191	0.298	ug/l #	79
51) cis-1,3-Dichloropropene	7.607	75	6496	0.314	ug/l	99
52) 1,1,2-Trichloroethane	8.401	97	3649	0.351	ug/l	91
53) 1,3-Dichloropropane	8.578	76	5935	0.318	ug/l	99
54) 2-Hexanone	8.694	43	12782	1.801	ug/l	93
55) Dibromochloromethane	8.813	129	3744	0.315	ug/l	93
56) 1,2-Dibromoethane	8.925	107	3350	0.333	ug/l	98
58) Tetrachloroethene	8.556	164	4001	0.334	ug/l	91
59) Chlorobenzene	9.449	112	11828	0.324	ug/l	92
60) 1,1,1,2-Tetrachloroethane	9.533	131	3955	0.305	ug/l	95
61) Pentachloroethane	11.424	117	3062	0.307	ug/l	97
62) Hexachloroethane	12.475	117	2764	0.277	ug/l	93
63) Ethyl Benzene	9.572	91	19783	0.301	ug/l	99
64) m/p-Xylenes	9.694	106	14415	0.594	ug/l	100
65) o-Xylene	10.102	106	7451	0.312	ug/l	90
66) Styrene	10.115	104	11357	0.296	ug/l	97
67) Bromoform	10.292	173	2102	0.310	ug/l #	97
69) Isopropylbenzene	10.485	105	18917	0.297	ug/l	98
70) 1,1,2,2-Tetrachloroethane	10.784	83	4522	0.335	ug/l	99
71) 1,2,3-Trichloropropane	10.826	75	4376m	0.392	ug/l	
72) Bromobenzene	10.784	156	4477	0.312	ug/l	96
73) n-propylbenzene	10.906	120	4523	0.281	ug/l	97
74) 2-Chlorotoluene	10.986	126	4408	0.307	ug/l	100
75) 1,3,5-Trimethylbenzene	11.089	105	15090	0.283	ug/l	99
76) 4-Chlorotoluene	11.099	126	4401	0.306	ug/l	87
77) tert-Butylbenzene	11.420	119	15294	0.292	ug/l	98
78) 1,2,4-Trimethylbenzene	11.469	105	15525	0.290	ug/l	100
79) sec-Butylbenzene	11.642	105	19393	0.282	ug/l	98
80) Nitrobenzene	13.218	77	765	1.385	ug/l #	57
81) p-Isopropyltoluene	11.793	119	14718	0.264	ug/l	97
82) 1,3-Dichlorobenzene	11.748	146	9052	0.326	ug/l	99
83) 1,4-Dichlorobenzene	11.838	146	9331	0.333	ug/l	98
84) n-Butylbenzene	12.211	91	14864	0.286	ug/l	96
85) 1,2-Dichlorobenzene	12.215	146	9019	0.335	ug/l	98
86) 1,2-Dibromo-3-Chloropr...	13.006	75	808	0.343	ug/l #	81
87) 1,2,4-Trichlorobenzene	13.842	180	6369	0.351	ug/l	96
88) Hexachlorobutadiene	14.022	225	3033	0.328	ug/l	96
89) Naphthalene	14.092	128	13922	0.366	ug/l	99
90) 1,2,3-Trichlorobenzene	14.330	180	6350	0.366	ug/l	96

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

