

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020624\
 Data File : VU057827.D
 Acq On : 06 Feb 2024 18:12
 Operator : MD/SY
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Feb 07 03:03:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U020524DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue Feb 06 02:05:40 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 200%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	94	0.00
2 T	Dichlorodifluoromethane	0.327	0.344	-5.2	93	0.00
3 t	Chloromethane	0.314	0.321	-2.2	93	0.00
4 Rt	Vinyl Chloride	0.324	0.347	-7.1	95	0.00
5 T	Bromomethane	0.196	0.211	-7.7	97	0.00
6 T	Chloroethane	0.209	0.224	-7.2	93	0.00
7 T	Trichlorofluoromethane	0.491	0.526	-7.1	92	0.02
8	1,1,2-Trichloro-1,2,2-trifl	0.245	0.257	-4.9	92	0.01
9 Rt	1,1-Dichloroethene	0.241	0.252	-4.6	94	0.01
10 t	Iodomethane	0.387	0.387	0.0	92	0.01
11 t	Allyl Chloride	0.367	0.396	-7.9	95	0.00
12 t	Acrylonitrile	0.051	0.055	-7.8	91	0.00
13 T	Acetone	0.100	0.090	10.0	84	0.00
14 T	Carbon Disulfide	0.769	0.784	-2.0	92	0.01
15 RT	Methylene Chloride	0.309	0.339	-9.7	110	0.00
16 RT	trans-1,2-Dichloroethene	0.261	0.273	-4.6	93	0.00
17 t	1,1-Dichloroethane	0.525	0.577	-9.9	96	0.00
18 T	2-Butanone	0.100	0.105	-5.0	88	0.00
19	Cyclohexane	0.412	0.448	-8.7	94	0.00
20	Methylcyclohexane	0.477	0.509	-6.7	93	0.00
21 T	2,2-Dichloropropane	0.473	0.486	-2.7	90	0.00
22 RT	cis-1,2-Dichloroethene	0.288	0.304	-5.6	93	0.00
23 t	Diethyl Ether	0.186	0.198	-6.5	95	0.00
24 t	tert-Butyl Alcohol	0.013	0.015	-15.4	122	0.02
25 t	Methyl tert-Butyl Ether	0.613	0.659	-7.5	95	0.00
26 t	Bromochloromethane	0.112	0.116	-3.6	92	0.00
27 t	Chloroform	0.524	0.566	-8.0	95	0.00
28 RT	1,1,1-Trichloroethane	0.474	0.501	-5.7	95	0.00
29 T	1,1-Dichloropropene	0.390	0.411	-5.4	93	0.00
30 RT	Carbon Tetrachloride	0.406	0.435	-7.1	94	0.00
31 t	Isopropyl Ether	0.806	0.902	-11.9	96	0.00
32	Ethyl-t-butyl ether	0.793	0.859	-8.3	95	0.00
33	Tert-Amyl methyl ether	0.664	0.706	-6.3	93	0.00
34 t	Propionitrile	0.019	0.020	-5.3	93	0.00
35 RT	Benzene	1.116	1.183	-6.0	94	0.00
36 RT	1,2-Dichloroethane	0.326	0.353	-8.3	94	0.00
37 RT	Trichloroethene	0.287	0.307	-7.0	94	0.00
38 Rt	1,2-Dichloropropane	0.295	0.326	-10.5	97	0.00
39 t	Methacrylonitrile	0.081	0.092	-13.6	94	0.00
40 t	Methyl acrylate	0.135	0.153	-13.3	91	0.00
41 t	Tetrahydrofuran	0.040	0.045	-12.5	95	0.00
42 t	1-Chlorobutane	0.517	0.557	-7.7	94	0.00
43 T	Dibromomethane	0.136	0.148	-8.8	93	0.00
44 T	Bromodichloromethane	0.368	0.400	-8.7	94	0.00
45 T	4-Methyl-2-Pentanone	0.151	0.161	-6.6	90	0.00
46 t	t-1,4-Dichloro-2-butene	0.041	0.036	12.2	84	0.00
47 t	Methyl methacrylate	0.124	0.137	-10.5	94	0.00
48 t	Ethyl methacrylate	0.249	0.271	-8.8	93	0.00
49 Rt	Toluene	0.675	0.734	-8.7	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
50 T	t-1,3-Dichloropropene	0.335	0.359	-7.2	91	0.00
51 T	cis-1,3-Dichloropropene	0.418	0.442	-5.7	92	0.00
52 RT	1,1,2-Trichloroethane	0.187	0.204	-9.1	95	0.00
53 t	1,3-Dichloropropane	0.339	0.364	-7.4	95	0.00
54 t	2-Hexanone	0.147	0.150	-2.0	85	0.00
55 t	Dibromochloromethane	0.223	0.240	-7.6	92	0.00
56 T	1,2-Dibromoethane	0.175	0.190	-8.6	94	0.00
57 S	4-Bromofluorobenzene	0.367	0.367	0.0	91	0.00
58 RT	Tetrachloroethene	0.249	0.267	-7.2	96	0.00
59 Rt	Chlorobenzene	0.742	0.795	-7.1	93	0.00
60 T	1,1,1,2-Tetrachloroethane	0.254	0.279	-9.8	93	0.00
61 t	Pentachloroethane	0.188	0.195	-3.7	86	0.00
62 t	Hexachloroethane	0.217	0.237	-9.2	90	0.00
63 Rt	Ethyl Benzene	1.335	1.457	-9.1	94	0.00
64 RT	m/p-Xylenes	0.489	0.531	-8.6	93	0.00
65 RT	o-Xylene	0.486	0.522	-7.4	94	0.00
66 RT	Styrene	0.751	0.840	-11.9	95	0.00
67 t	Bromoform	0.112	0.124	-10.7	91	0.00
68 S	1,2-Dichlorobenzene-d4	0.325	0.329	-1.2	92	0.00
69 T	Isopropylbenzene	1.290	1.405	-8.9	94	0.00
70 T	1,1,2,2-Tetrachloroethane	0.225	0.243	-8.0	92	0.00
71 T	1,2,3-Trichloropropane	0.198	0.230	-16.2	104	-0.01
72 t	Bromobenzene	0.276	0.295	-6.9	94	0.00
73 t	n-propylbenzene	0.336	0.371	-10.4	92	0.00
74 t	2-Chlorotoluene	0.294	0.320	-8.8	94	0.00
75 t	1,3,5-Trimethylbenzene	1.090	1.199	-10.0	93	0.00
76 t	4-Chlorotoluene	0.296	0.326	-10.1	93	0.00
77 t	tert-Butylbenzene	1.050	1.138	-8.4	92	0.00
78 t	1,2,4-Trimethylbenzene	1.102	1.222	-10.9	94	0.00
79 t	sec-Butylbenzene	1.387	1.518	-9.4	92	0.00
80	Nitrobenzene	0.006	0.006	0.0	72	0.00
81 t	p-Isopropyltoluene	1.140	1.271	-11.5	93	0.00
82 t	1,3-Dichlorobenzene	0.552	0.595	-7.8	93	0.00
83 Rt	1,4-Dichlorobenzene	0.547	0.595	-8.8	94	0.00
84 t	n-Butylbenzene	1.088	1.236	-13.6	93	0.00
85 Rt	1,2-Dichlorobenzene	0.513	0.543	-5.8	92	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.038	0.038	0.0	87	0.00
87 Rt	1,2,4-Trichlorobenzene	0.313	0.350	-11.8	91	0.00
88 t	Hexachlorobutadiene	0.196	0.209	-6.6	90	0.00
89 t	Naphthalene	0.548	0.651	-18.8	99	0.00
90 t	1,2,3-Trichlorobenzene	0.269	0.310	-15.2	95	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 0