

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081220\
 Data File : VU039842.D
 Acq On : 12 Aug 2020 13:31
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Aug 13 03:33:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Jul 31 07:12:27 2020
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	99	0.00
2 T	Dichlorodifluoromethane	0.347	0.301	13.3	86	0.00
3 t	Chloromethane	0.432	0.339	21.5	82	0.00
4 Rt	Vinyl Chloride	0.398	0.356	10.6	92	0.00
5 T	Bromomethane	0.272	0.170	37.5#	71	0.00
6 T	Chloroethane	0.276	0.238	13.8	91	0.00
7 T	Trichlorofluoromethane	0.526	0.486	7.6	94	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.302	0.282	6.6	96	0.00
9 Rt	1,1-Dichloroethene	0.278	0.249	10.4	91	0.00
10 t	Iodomethane	0.280	0.189	32.5#	57	0.00
11 t	Allyl Chloride	0.599	0.588	1.8	101	0.00
12 t	Acrylonitrile	0.098	0.094	4.1	101	0.00
13 T	Acetone	0.092	0.078	15.2	91	0.00
14 T	Carbon Disulfide	1.019	0.740	27.4	74	0.00
15 RT	Methylene Chloride	0.387	0.322	16.8	96	0.00
16 RT	trans-1,2-Dichloroethene	0.316	0.289	8.5	94	0.00
17 t	1,1-Dichloroethane	0.694	0.678	2.3	100	0.00
18 T	2-Butanone	0.154	0.132	14.3	91	0.00
19	Cyclohexane	0.671	0.589	12.2	92	0.00
20	Methylcyclohexane	0.497	0.445	10.5	85	0.00
21 T	2,2-Dichloropropane	0.566	0.535	5.5	99	0.00
22 RT	cis-1,2-Dichloroethene	0.340	0.319	6.2	96	0.00
23 t	Diethyl Ether	0.284	0.261	8.1	95	0.00
24 t	tert-Butyl Alcohol	0.051	0.033	35.3#	100	0.02
25 t	Methyl tert-Butyl Ether	0.907	0.864	4.7	96	0.00
26 t	Bromochloromethane	0.139	0.128	7.9	96	0.00
27 t	Chloroform	0.649	0.636	2.0	102	0.00
28 RT	1,1,1-Trichloroethane	0.525	0.525	0.0	103	0.00
29 T	1,1-Dichloropropene	0.506	0.482	4.7	99	0.00
30 RT	Carbon Tetrachloride	0.430	0.435	-1.2	103	0.00
31 t	Isopropyl Ether	1.265	1.283	-1.4	104	0.00
32	Ethyl-t-butyl ether	1.077	1.057	1.9	100	0.00
33	Tert-Amyl methyl ether	0.776	0.718	7.5	93	0.00
34 t	Propionitrile	0.038	0.035	7.9	94	0.00
35 RT	Benzene	1.251	1.165	6.9	96	0.00
36 RT	1,2-Dichloroethane	0.469	0.426	9.2	94	0.00
37 RT	Trichloroethene	0.286	0.258	9.8	91	0.00
38 Rt	1,2-Dichloropropane	0.345	0.343	0.6	98	0.00
39 t	Methacrylonitrile	0.201	0.174	13.4	99	0.00
40 t	Methyl acrylate	0.259	0.231	10.8	93	0.00
41 t	Tetrahydrofuran	0.101	0.086	14.9	96	0.00
42 t	1-Chlorobutane	0.794	0.764	3.8	99	0.00
43 T	Dibromomethane	0.186	0.164	11.8	92	0.00
44 T	Bromodichloromethane	0.425	0.431	-1.4	99	0.00
45 T	4-Methyl-2-Pentanone	0.281	0.268	4.6	92	0.00
46 t	t-1,4-Dichloro-2-butene	0.084	0.074	11.9	96	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.173	0.166	4.0	90	0.00
48 t	Ethyl methacrylate	0.319	0.294	7.8	87	0.00
49 Rt	Toluene	0.745	0.708	5.0	92	0.00
50 T	t-1,3-Dichloropropene	0.383	0.381	0.5	90	0.00
51 T	cis-1,3-Dichloropropene	0.450	0.444	1.3	93	0.00
52 RT	1,1,2-Trichloroethane	0.241	0.223	7.5	93	0.00
53 t	1,3-Dichloropropane	0.463	0.420	9.3	91	0.00
54 t	2-Hexanone	0.201	0.185	8.0	88	0.00
55 t	Dibromochloromethane	0.259	0.251	3.1	92	0.00
56 T	1,2-Dibromoethane	0.232	0.203	12.5	86	0.00
57 S	4-Bromofluorobenzene	0.391	0.390	0.3	95	0.00
58 RT	Tetrachloroethene	0.251	0.239	4.8	97	0.00
59 Rt	Chlorobenzene	0.770	0.724	6.0	91	0.00
60 T	1,1,1,2-Tetrachloroethane	0.260	0.259	0.4	97	0.00
61 t	Pentachloroethane	0.228	0.207	9.2	86	0.00
62 t	Hexachloroethane	0.209	0.215	-2.9	95	0.00
63 Rt	Ethyl Benzene	1.380	1.331	3.6	89	0.00
64 RT	m/p-Xylenes	0.539	0.520	3.5	88	0.00
65 RT	o-Xylene	0.512	0.487	4.9	88	0.00
66 RT	Styrene	0.877	0.880	-0.3	90	0.00
67 t	Bromoform	0.132	0.128	3.0	89	0.00
68 S	1,2-Dichlorobenzene-d4	0.382	0.349	8.6	88	0.00
69 T	Isopropylbenzene	1.367	1.303	4.7	88	0.00
70 T	1,1,2,2-Tetrachloroethane	0.347	0.304	12.4	86	0.00
71 T	1,2,3-Trichloropropane	0.261	0.235	10.0	79	0.00
72 t	Bromobenzene	0.311	0.287	7.7	90	0.00
73 t	n-propylbenzene	0.384	0.364	5.2	87	0.00
74 t	2-Chlorotoluene	0.325	0.296	8.9	87	0.00
75 t	1,3,5-Trimethylbenzene	1.182	1.146	3.0	87	0.00
76 t	4-Chlorotoluene	0.336	0.327	2.7	90	0.00
77 t	tert-Butylbenzene	1.134	1.068	5.8	86	0.00
78 t	1,2,4-Trimethylbenzene	1.212	1.195	1.4	88	0.00
79 t	sec-Butylbenzene	1.614	1.541	4.5	88	0.00
80	Nitrobenzene	0.006	0.008	-33.3#	140	0.00
81 t	p-Isopropyltoluene	1.301	1.248	4.1	87	0.00
82 t	1,3-Dichlorobenzene	0.668	0.601	10.0	88	0.00
83 Rt	1,4-Dichlorobenzene	0.672	0.603	10.3	88	0.00
84 t	n-Butylbenzene	1.382	1.315	4.8	88	0.00
85 Rt	1,2-Dichlorobenzene	0.644	0.581	9.8	88	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.058	0.057	1.7	90	0.00
87 Rt	1,2,4-Trichlorobenzene	0.403	0.379	6.0	89	0.00
88 t	Hexachlorobutadiene	0.183	0.174	4.9	94	0.00
89 t	Naphthalene	0.862	0.804	6.7	84	0.00
90 t	1,2,3-Trichlorobenzene	0.380	0.360	5.3	90	0.00

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Compound	AvgRF	CCRF	%Dev Area	% Dev(min)

(#) = Out of Range	SPCC's out = 0 CCC's out = 0			