

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081220\
 Data File : VU039837.D
 Acq On : 12 Aug 2020 10:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 04 19:09:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 04 18:51:11 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 i	Fluorobenzene	1.000	1.000	0.0	107	0.00
2 T	Dichlorodifluoromethane	0.347	0.299	13.8	92	0.00
3 t	Chloromethane	0.432	0.324	25.0	85	0.00
4 Rt	Vinyl Chloride	0.398	0.344	13.6	96	0.00
5 T	Bromomethane	0.272	0.209	23.2	94	0.00
6 T	Chloroethane	0.276	0.230	16.7	96	0.00
7 T	Trichlorofluoromethane	0.526	0.473	10.1	99	0.00
8	1,1,2-Trichloro-1,2,2-trifl	0.302	0.279	7.6	102	0.00
9 Rt	1,1-Dichloroethene	0.278	0.240	13.7	95	0.00
10 t	Iodomethane	0.280	0.164	41.4#	54	0.00
11 t	Allyl Chloride	0.599	0.555	7.3	104	0.00
12 t	Acrylonitrile	0.098	0.095	3.1	111	0.00
13 T	Acetone	0.092	0.086	6.5	106	0.00
14 T	Carbon Disulfide	1.019	0.705	30.8#	76	0.00
15 RT	Methylene Chloride	0.387	0.308	20.4	100	0.00
16 RT	trans-1,2-Dichloroethene	0.316	0.275	13.0	97	0.00
17 t	1,1-Dichloroethane	0.694	0.647	6.8	103	0.00
18 T	2-Butanone	0.154	0.136	11.7	101	0.00
19	Cyclohexane	0.671	0.547	18.5	92	0.00
20	Methylcyclohexane	0.497	0.423	14.9	87	0.00
21 T	2,2-Dichloropropane	0.566	0.528	6.7	106	0.00
22 RT	cis-1,2-Dichloroethene	0.340	0.304	10.6	99	0.00
23 t	Diethyl Ether	0.284	0.252	11.3	100	0.00
24 t	tert-Butyl Alcohol	0.051	0.034	33.3#	111	0.03
25 t	Methyl tert-Butyl Ether	0.907	0.854	5.8	103	0.00
26 t	Bromochloromethane	0.139	0.124	10.8	100	0.00
27 t	Chloroform	0.649	0.603	7.1	105	0.00
28 RT	1,1,1-Trichloroethane	0.525	0.489	6.9	104	0.00
29 T	1,1-Dichloropropene	0.506	0.439	13.2	98	0.00
30 RT	Carbon Tetrachloride	0.430	0.403	6.3	104	0.00
31 t	Isopropyl Ether	1.265	1.219	3.6	107	0.00
32	Ethyl-t-butyl ether	1.077	1.006	6.6	103	0.00
33	Tert-Amyl methyl ether	0.776	0.672	13.4	94	0.00
34 t	Propionitrile	0.038	0.034	10.5	101	0.01
35 RT	Benzene	1.251	1.213	3.0	109	0.00
36 RT	1,2-Dichloroethane	0.469	0.430	8.3	103	0.00
37 RT	Trichloroethene	0.286	0.247	13.6	94	0.00
38 Rt	1,2-Dichloropropane	0.345	0.323	6.4	99	0.00
39 t	Methacrylonitrile	0.201	0.164	18.4	102	0.00
40 t	Methyl acrylate	0.259	0.226	12.7	98	0.00
41 t	Tetrahydrofuran	0.101	0.083	17.8	101	0.00
42 t	1-Chlorobutane	0.794	0.701	11.7	99	0.00
43 T	Dibromomethane	0.186	0.165	11.3	99	0.00
44 T	Bromodichloromethane	0.425	0.406	4.5	101	0.00
45 T	4-Methyl-2-Pentanone	0.281	0.255	9.3	95	0.00
46 t	t-1,4-Dichloro-2-butene	0.084	0.085	-1.2	120	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081220\
 Data File : VU039837.D
 Acq On : 12 Aug 2020 10:22
 Operator : SY/MD
 Sample : VSTDCCC010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 LabSampleId :
 VSTDCCC010

Quant Time: Sep 04 19:09:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Sep 04 18:51:11 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
47 t	Methyl methacrylate	0.173	0.159	8.1	94	0.00
48 t	Ethyl methacrylate	0.319	0.291	8.8	93	0.00
49 Rt	Toluene	0.745	0.672	9.8	94	0.00
50 T	t-1,3-Dichloropropene	0.383	0.374	2.3	96	0.00
51 T	cis-1,3-Dichloropropene	0.450	0.428	4.9	97	0.00
52 RT	1,1,2-Trichloroethane	0.241	0.213	11.6	97	0.00
53 t	1,3-Dichloropropane	0.463	0.407	12.1	96	0.00
54 t	2-Hexanone	0.201	0.183	9.0	94	0.00
55 t	Dibromochloromethane	0.259	0.238	8.1	95	0.00
56 T	1,2-Dibromoethane	0.232	0.200	13.8	91	0.00
57 S	4-Bromofluorobenzene	0.391	0.430	-10.0	113	0.00
58 RT	Tetrachloroethene	0.251	0.232	7.6	102	0.00
59 Rt	Chlorobenzene	0.770	0.701	9.0	95	0.00
60 T	1,1,1,2-Tetrachloroethane	0.260	0.244	6.2	99	0.00
61 t	Pentachloroethane	0.228	0.190	16.7	86	0.00
62 t	Hexachloroethane	0.209	0.201	3.8	96	0.00
63 Rt	Ethyl Benzene	1.380	1.285	6.9	93	0.00
64 RT	m/p-Xylenes	0.539	0.506	6.1	92	0.00
65 RT	o-Xylene	0.512	0.477	6.8	94	0.00
66 RT	Styrene	0.877	0.833	5.0	93	0.00
67 t	Bromoform	0.132	0.125	5.3	94	0.00
68 S	1,2-Dichlorobenzene-d4	0.382	0.358	6.3	97	0.00
69 T	Isopropylbenzene	1.367	1.265	7.5	93	0.00
70 T	1,1,2,2-Tetrachloroethane	0.347	0.298	14.1	91	0.00
71 T	1,2,3-Trichloropropane	0.261	0.204	21.8	74	0.00
72 t	Bromobenzene	0.311	0.274	11.9	93	0.00
73 t	n-propylbenzene	0.384	0.359	6.5	93	0.00
74 t	2-Chlorotoluene	0.325	0.288	11.4	92	0.00
75 t	1,3,5-Trimethylbenzene	1.182	1.103	6.7	90	0.00
76 t	4-Chlorotoluene	0.336	0.318	5.4	95	0.00
77 t	tert-Butylbenzene	1.134	1.025	9.6	90	0.00
78 t	1,2,4-Trimethylbenzene	1.212	1.149	5.2	91	0.00
79 t	sec-Butylbenzene	1.614	1.486	7.9	92	0.00
80	Nitrobenzene	0.006	0.008	-33.3#	143	0.00
81 t	p-Isopropyltoluene	1.301	1.211	6.9	91	0.00
82 t	1,3-Dichlorobenzene	0.668	0.566	15.3	90	0.00
83 Rt	1,4-Dichlorobenzene	0.672	0.584	13.1	93	0.00
84 t	n-Butylbenzene	1.382	1.269	8.2	91	0.00
85 Rt	1,2-Dichlorobenzene	0.644	0.552	14.3	90	0.00
86 t	1,2-Dibromo-3-Chloropropane	0.058	0.055	5.2	94	0.00
87 Rt	1,2,4-Trichlorobenzene	0.403	0.352	12.7	89	0.00
88 t	Hexachlorobutadiene	0.183	0.161	12.0	94	0.00
89 t	Naphthalene	0.862	0.755	12.4	85	0.00
90 t	1,2,3-Trichlorobenzene	0.380	0.338	11.1	91	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081220\
Data File : VU039837.D
Acq On : 12 Aug 2020 10:22
Operator : SY/MD
Sample : VSTDCCC010
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
LabSampleId :
VSTDCCC010

Quant Time: Sep 04 19:09:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\524U072920DW.M
Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
QLast Update : Fri Sep 04 18:51:11 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	AvgRF	CCRF	%Dev Area	% Dev(min)

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