

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081827.D
 Acq On : 22 Apr 2024 16:33
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 23 06:58:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	43#	0.00
2 M	Dichlorodifluoromethane	4.192	2.984	28.8#	31#	0.00
3 M	Chloromethane	3.637	3.351	7.9	39#	0.00
4 M	Vinyl Chloride	3.740	3.844	-2.8	48#	0.00
5 M	Bromomethane	3.167	3.401	-7.4	44#	0.01
6 M	Chloroethane	2.927	3.347	-14.3	52	0.00
7 M	Trichlorofluoromethane	6.140	4.351	29.1#	25#	0.00
8 T	Diethyl Ether	2.290	1.633	28.7#	29#	0.00
9	1,1,2-Trichlorotrifluoroeth	4.212	2.844	32.5#	28#	0.00
10 M	1,1-Dichloroethene	3.863	2.604	32.6#	28#	0.00
11	Methyl Iodide	4.375	2.880	34.2#	35#	0.00
12	Methyl Acetate	3.547	3.191	10.0	39#	0.00
13 M	Acrolein	0.467	0.388	16.9	39#	0.00
14 M	Acrylonitrile	1.766	1.504	14.8	37#	0.00
15 M	Acetone	0.388	0.340	12.4	37#	0.00
16 M	Carbon Disulfide	10.985	7.278	33.7#	28#	0.00
17	Allyl chloride	4.673	3.859	17.4	35#	0.00
18 M	Methylene Chloride	4.448	3.846	13.5	36#	-0.01
19 M	trans-1,2-Dichloroethene	4.236	3.238	23.6	32#	0.00
20 T	Diisopropyl ether	11.126	10.699	3.8	39#	0.00
21 M	1,1-Dichloroethane	7.418	6.546	11.8	37#	0.00
22 M	cis-1,2-Dichloroethene	5.116	4.316	15.6	35#	0.00
23 M	tert-Butyl Alcohol	0.627	0.502	19.9	33#	0.00
24 M	Methyl tert-Butyl Ether	12.082	10.429	13.7	36#	0.00
25 M	Chloroform	8.440	7.874	6.7	39#	0.00
26	Cyclohexane	5.947	3.886	34.7#	28#	0.00
27 s	1,2-Dichloroethane-d4	3.685	3.646	1.1	41#	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	36#	0.00
29	1,1-Dichloropropene	0.789	0.735	6.8	35#	0.00
30 M	2-Butanone	0.301	0.324	-7.6	40#	0.00
31	2,2-Dichloropropane	0.982	0.888	9.6	32#	0.00
32 M	1,1,1-Trichloroethane	1.087	0.981	9.8	33#	0.00
33 M	Carbon Tetrachloride	0.985	0.857	13.0	32#	0.00
34 M	Benzene	2.541	2.524	0.7	37#	0.00
35	Methacrylonitrile	0.341	0.395	-15.8	43#	0.00
36 M	1,2-Dichloroethane	0.833	0.967	-16.1	43#	0.00
37 M	Trichloroethene	0.672	0.641	4.6	36#	0.00
38	Methylcyclohexane	0.964	0.725	24.8	28#	0.00
39 M	1,2-Dichloropropane	0.593	0.609	-2.7	38#	0.00
40	Dibromomethane	0.472	0.545	-15.5	42#	0.00
41 M	Bromodichloromethane	0.963	1.071	-11.2	41#	0.00
42 M	Vinyl Acetate	1.255	1.369	-9.1	40#	0.00
43	Ethyl Acetate	0.664	0.630	5.1	37#	0.00
44	Isopropyl Acetate	1.112	1.279	-15.0	44#	0.00
45 T	1,4-Dioxane	0.012	0.012	0.0	34#	0.00
46	Methyl methacrylate	0.500	0.554	-10.8	42#	0.00
47	n-amyl Acetate	0.998	1.170	-17.2	46#	0.00
48 M	t-1,3-Dichloropropene	0.917	1.022	-11.5	41#	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042224\
 Data File : VN081827.D
 Acq On : 22 Apr 2024 16:33
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 23 06:58:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.988	1.055	-6.8	40#	0.00
50 M	1,1,2-Trichloroethane	0.632	0.712	-12.7	42#	0.00
51	Ethyl methacrylate	0.880	0.931	-5.8	40#	0.00
52	1,3-Dichloropropane	1.036	1.219	-17.7	43#	0.00
53 M	Dibromochloromethane	0.755	0.851	-12.7	42#	0.00
54 M	1,2-Dibromoethane	0.653	0.673	-3.1	38#	0.00
55 M	2-Chloroethyl vinyl ether	0.432	0.486	-12.5	43#	0.00
56 M	Bromoform	0.483	0.573	-18.6	45#	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	37#	0.00
58 M	4-Methyl-2-Pentanone	0.516	0.616	-19.4	45#	0.00
59 M	2-Hexanone	0.387	0.443	-14.5	44#	0.00
60 S	4-Bromofluorobenzene	0.590	0.601	-1.9	38#	0.00
61 M	Tetrachloroethene	0.556	0.529	4.9	36#	0.00
62 M	Toluene	2.183	2.092	4.2	36#	0.00
63 S	Toluene-d8	1.203	1.210	-0.6	37#	0.00
64 M	Chlorobenzene	1.384	1.381	0.2	38#	0.00
65	1,1,1,2-Tetrachloroethane	0.503	0.521	-3.6	38#	0.00
66 M	Ethyl Benzene	2.321	2.102	9.4	34#	0.00
67 M	m/p-Xylenes	0.919	0.868	5.5	35#	0.00
68 M	o-Xylene	0.873	0.809	7.3	35#	0.00
69 M	Styrene	1.486	1.412	5.0	36#	0.00
70	Isopropylbenzene	2.251	2.026	10.0	34#	0.00
71 M	1,1,2,2-Tetrachloroethane	0.588	0.667	-13.4	42#	0.00
72	1,2,3-Trichloropropane	0.544	0.645	-18.6	43#	0.00
73	Bromobenzene	0.558	0.575	-3.0	39#	0.00
74	n-propylbenzene	2.695	2.456	8.9	35#	0.00
75	2-Chlorotoluene	1.605	1.523	5.1	35#	0.00
76	1,3,5-Trimethylbenzene	1.911	1.760	7.9	34#	0.00
77	t-1,4-Dichloro-2-butene	0.225	0.251	-11.6	43#	0.00
78	4-Chlorotoluene	1.592	1.525	4.2	35#	0.00
79	tert-butylbenzene	1.626	1.409	13.3	33#	0.00
80	1,2,4-Trimethylbenzene	1.906	1.815	4.8	35#	0.00
81	sec-Butylbenzene	2.344	2.082	11.2	33#	0.00
82	p-Isopropyltoluene	1.966	1.701	13.5	32#	0.00
83 M	1,3-Dichlorobenzene	1.042	1.060	-1.7	38#	0.00
84 M	1,4-Dichlorobenzene	1.009	1.012	-0.3	37#	0.00
85	n-Butylbenzene	1.656	1.396	15.7	32#	0.00
86 T	Hexachloroethane	0.376	0.359	4.5	37#	0.00
87 M	1,2-Dichlorobenzene	0.992	1.070	-7.9	40#	0.00
88	1,2-Dibromo-3-Chloropropane	0.128	0.143	-11.7	44#	0.00
89	1,2,4-Trichlorobenzene	0.544	0.561	-3.1	39#	0.00
90	Hexachlorobutadiene	0.218	0.205	6.0	36#	0.00
91 M	Naphthalene	1.749	1.713	2.1	39#	0.00
92	1,2,3-Trichlorobenzene	0.544	0.561	-3.1	39#	0.00

(#) = Out of Range

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