

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081693.D
 Acq On : 11 Apr 2024 12:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 12 05:59:10 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	82	0.00
2 M	Dichlorodifluoromethane	4.192	3.897	7.0	76	0.00
3 M	Chloromethane	3.637	4.506	-23.9	98	0.00
4 M	Vinyl Chloride	3.740	3.756	-0.4	88	0.00
5 M	Bromomethane	3.167	3.273	-3.3	80	0.00
6 M	Chloroethane	2.927	3.505	-19.7	103	0.00
7 M	Trichlorofluoromethane	6.140	7.209	-17.4	78	0.00
8 T	Diethyl Ether	2.290	2.147	6.2	73	0.00
9	1,1,2-Trichlorotrifluoroeth	4.212	4.214	-0.0	79	0.00
10 M	1,1-Dichloroethene	3.863	3.771	2.4	76	0.00
11	Methyl Iodide	4.375	3.859	11.8	89	0.00
12	Methyl Acetate	3.547	3.828	-7.9	89	0.00
13 M	Acrolein	0.467	0.505	-8.1	96	0.00
14 M	Acrylonitrile	1.766	1.892	-7.1	87	0.00
15 M	Acetone	0.388	0.409	-5.4	85	0.01
16 M	Carbon Disulfide	10.985	10.526	4.2	77	0.00
17	Allyl chloride	4.673	4.335	7.2	74	0.00
18 M	Methylene Chloride	4.448	4.608	-3.6	83	-0.01
19 M	trans-1,2-Dichloroethene	4.236	4.189	1.1	77	0.00
20 T	Diisopropyl ether	11.126	11.320	-1.7	79	0.00
21 M	1,1-Dichloroethane	7.418	7.677	-3.5	82	0.00
22 M	cis-1,2-Dichloroethene	5.116	4.821	5.8	75	0.00
23 M	tert-Butyl Alcohol	0.627	0.681	-8.6	84	0.01
24 M	Methyl tert-Butyl Ether	12.082	12.070	0.1	79	0.00
25 M	Chloroform	8.440	8.886	-5.3	83	0.00
26	Cyclohexane	5.947	5.611	5.6	77	0.00
27 s	1,2-Dichloroethane-d4	3.685	4.091	-11.0	88	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
29	1,1-Dichloropropene	0.789	0.813	-3.0	82	0.00
30 M	2-Butanone	0.301	0.343	-14.0	90	0.00
31	2,2-Dichloropropane	0.982	1.029	-4.8	80	0.00
32 M	1,1,1-Trichloroethane	1.087	1.148	-5.6	82	0.00
33 M	Carbon Tetrachloride	0.985	1.030	-4.6	83	0.00
34 M	Benzene	2.541	2.674	-5.2	84	0.00
35	Methacrylonitrile	0.341	0.382	-12.0	88	0.00
36 M	1,2-Dichloroethane	0.833	0.906	-8.8	87	0.00
37 M	Trichloroethene	0.672	0.674	-0.3	82	0.00
38	Methylcyclohexane	0.964	0.879	8.8	72	0.00
39 M	1,2-Dichloropropane	0.593	0.641	-8.1	86	0.00
40	Dibromomethane	0.472	0.491	-4.0	80	0.00
41 M	Bromodichloromethane	0.963	1.018	-5.7	84	0.00
42 M	Vinyl Acetate	1.255	1.317	-4.9	82	0.00
43	Ethyl Acetate	0.664	0.707	-6.5	88	0.00
44	Isopropyl Acetate	1.112	1.207	-8.5	89	0.00
45 T	1,4-Dioxane	0.012	0.014	-16.7	90	0.00
46	Methyl methacrylate	0.500	0.516	-3.2	84	0.00
47	n-amyl Acetate	0.998	1.021	-2.3	85	0.00
48 M	t-1,3-Dichloropropene	0.917	0.930	-1.4	80	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081693.D
 Acq On : 11 Apr 2024 12:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 12 05:59:10 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	1.006	-1.8	81	0.00
50 M	1,1,2-Trichloroethane	0.632	0.654	-3.5	82	0.00
51	Ethyl methacrylate	0.880	0.849	3.5	77	0.00
52	1,3-Dichloropropane	1.036	1.087	-4.9	82	0.00
53 M	Dibromochloromethane	0.755	0.766	-1.5	80	0.00
54 M	1,2-Dibromoethane	0.653	0.697	-6.7	84	0.00
55 M	2-Chloroethyl vinyl ether	0.432	0.467	-8.1	89	0.00
56 M	Bromoform	0.483	0.509	-5.4	85	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
58 M	4-Methyl-2-Pentanone	0.516	0.580	-12.4	91	0.00
59 M	2-Hexanone	0.387	0.448	-15.8	95	0.00
60 S	4-Bromofluorobenzene	0.590	0.616	-4.4	84	0.00
61 M	Tetrachloroethene	0.556	0.544	2.2	80	0.00
62 M	Toluene	2.183	2.221	-1.7	82	0.00
63 S	Toluene-d8	1.203	1.246	-3.6	81	0.00
64 M	Chlorobenzene	1.384	1.361	1.7	79	0.00
65	1,1,1,2-Tetrachloroethane	0.503	0.509	-1.2	80	0.00
66 M	Ethyl Benzene	2.321	2.258	2.7	78	0.00
67 M	m/p-Xylenes	0.919	0.907	1.3	78	0.00
68 M	o-Xylene	0.873	0.833	4.6	77	0.00
69 M	Styrene	1.486	1.459	1.8	79	0.00
70	Isopropylbenzene	2.251	2.200	2.3	78	0.00
71 M	1,1,2,2-Tetrachloroethane	0.588	0.650	-10.5	88	0.00
72	1,2,3-Trichloropropane	0.544	0.654	-20.2	93	0.00
73	Bromobenzene	0.558	0.567	-1.6	82	0.00
74	n-propylbenzene	2.695	2.670	0.9	81	0.00
75	2-Chlorotoluene	1.605	1.646	-2.6	82	0.00
76	1,3,5-Trimethylbenzene	1.911	1.928	-0.9	80	0.00
77	t-1,4-Dichloro-2-butene	0.225	0.229	-1.8	84	0.00
78	4-Chlorotoluene	1.592	1.683	-5.7	84	0.00
79	tert-butylbenzene	1.626	1.598	1.7	79	0.00
80	1,2,4-Trimethylbenzene	1.906	1.934	-1.5	81	0.00
81	sec-Butylbenzene	2.344	2.347	-0.1	81	0.00
82	p-Isopropyltoluene	1.966	1.946	1.0	80	0.00
83 M	1,3-Dichlorobenzene	1.042	1.134	-8.8	88	0.00
84 M	1,4-Dichlorobenzene	1.009	1.077	-6.7	84	0.00
85	n-Butylbenzene	1.656	1.634	1.3	81	0.00
86 T	Hexachloroethane	0.376	0.388	-3.2	85	0.00
87 M	1,2-Dichlorobenzene	0.992	1.092	-10.1	87	0.00
88	1,2-Dibromo-3-Chloropropane	0.128	0.149	-16.4	100	0.00
89	1,2,4-Trichlorobenzene	0.544	0.536	1.5	80	0.00
90	Hexachlorobutadiene	0.218	0.242	-11.0	91	0.00
91 M	Naphthalene	1.749	1.734	0.9	86	0.00
92	1,2,3-Trichlorobenzene	0.544	0.536	1.5	80	0.00

(#) = Out of Range

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