

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081704.D
 Acq On : 11 Apr 2024 18:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 12 06:04:42 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	4.425	-5.6	86	0.00
3 M	Chloromethane	3.637	4.449	-22.3	96	0.00
4 M	Vinyl Chloride	3.740	4.932	-31.9#	115	0.00
5 M	Bromomethane	3.167	2.620	17.3	64	0.00
6 M	Chloroethane	2.927	3.580	-22.3	104	0.00
7 M	Trichlorofluoromethane	6.140	7.204	-17.3	77	0.00
8 T	Diethyl Ether	2.290	2.174	5.1	73	0.00
9	1,1,2-Trichlorotrifluoroeth	4.212	4.046	3.9	75	-0.01
10 M	1,1-Dichloroethene	3.863	3.769	2.4	75	0.00
11	Methyl Iodide	4.375	2.104	51.9#	48#	0.00
12	Methyl Acetate	3.547	3.538	0.3	82	0.00
13 M	Acrolein	0.467	0.420	10.1	79	0.00
14 M	Acrylonitrile	1.766	1.712	3.1	79	0.00
15 M	Acetone	0.388	0.413	-6.4	86	0.01
16 M	Carbon Disulfide	10.985	10.769	2.0	78	0.00
17	Allyl chloride	4.673	4.464	4.5	76	0.00
18 M	Methylene Chloride	4.448	4.461	-0.3	79	0.00
19 M	trans-1,2-Dichloroethene	4.236	4.020	5.1	74	0.00
20 T	Diisopropyl ether	11.126	11.148	-0.2	77	0.00
21 M	1,1-Dichloroethane	7.418	7.457	-0.5	79	0.00
22 M	cis-1,2-Dichloroethene	5.116	4.912	4.0	76	0.01
23 M	tert-Butyl Alcohol	0.627	0.598	4.6	73	0.01
24 M	Methyl tert-Butyl Ether	12.082	12.012	0.6	78	0.00
25 M	Chloroform	8.440	8.736	-3.5	81	0.00
26	Cyclohexane	5.947	5.600	5.8	76	0.00
27 s	1,2-Dichloroethane-d4	3.685	4.153	-12.7	88	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
29	1,1-Dichloropropene	0.789	0.752	4.7	80	0.00
30 M	2-Butanone	0.301	0.288	4.3	79	0.00
31	2,2-Dichloropropane	0.982	0.930	5.3	76	0.00
32 M	1,1,1-Trichloroethane	1.087	1.070	1.6	80	0.00
33 M	Carbon Tetrachloride	0.985	0.935	5.1	79	0.00
34 M	Benzene	2.541	2.429	4.4	80	0.00
35	Methacrylonitrile	0.341	0.333	2.3	80	0.00
36 M	1,2-Dichloroethane	0.833	0.865	-3.8	87	0.00
37 M	Trichloroethene	0.672	0.618	8.0	78	0.00
38	Methylcyclohexane	0.964	0.828	14.1	71	0.00
39 M	1,2-Dichloropropane	0.593	0.592	0.2	83	0.00
40	Dibromomethane	0.472	0.465	1.5	79	0.00
41 M	Bromodichloromethane	0.963	0.955	0.8	82	0.00
42 M	Vinyl Acetate	1.255	1.201	4.3	79	0.00
43	Ethyl Acetate	0.664	0.632	4.8	83	0.00
44	Isopropyl Acetate	1.112	1.074	3.4	83	0.00
45 T	1,4-Dioxane	0.012	0.012	0.0	79	0.00
46	Methyl methacrylate	0.500	0.484	3.2	83	0.00
47	n-amyl Acetate	0.998	0.976	2.2	85	0.00
48 M	t-1,3-Dichloropropene	0.917	0.841	8.3	76	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041124\
 Data File : VN081704.D
 Acq On : 11 Apr 2024 18:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 12 06:04:42 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	0.940	4.9	79	0.00
50 M	1,1,2-Trichloroethane	0.632	0.626	0.9	82	0.00
51	Ethyl methacrylate	0.880	0.813	7.6	77	0.00
52	1,3-Dichloropropane	1.036	0.994	4.1	79	0.00
53 M	Dibromochloromethane	0.755	0.722	4.4	79	0.00
54 M	1,2-Dibromoethane	0.653	0.631	3.4	80	0.00
55 M	2-Chloroethyl vinyl ether	0.432	0.407	5.8	81	0.00
56 M	Bromoform	0.483	0.450	6.8	79	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
58 M	4-Methyl-2-Pentanone	0.516	0.520	-0.8	83	0.00
59 M	2-Hexanone	0.387	0.376	2.8	81	0.00
60 S	4-Bromofluorobenzene	0.590	0.604	-2.4	84	0.00
61 M	Tetrachloroethene	0.556	0.543	2.3	82	0.00
62 M	Toluene	2.183	2.108	3.4	79	0.00
63 S	Toluene-d8	1.203	1.218	-1.2	81	0.00
64 M	Chlorobenzene	1.384	1.323	4.4	79	0.00
65	1,1,1,2-Tetrachloroethane	0.503	0.474	5.8	76	0.00
66 M	Ethyl Benzene	2.321	2.176	6.2	77	0.00
67 M	m/p-Xylenes	0.919	0.881	4.1	77	0.00
68 M	o-Xylene	0.873	0.814	6.8	77	0.00
69 M	Styrene	1.486	1.396	6.1	77	0.00
70	Isopropylbenzene	2.251	2.130	5.4	77	0.00
71 M	1,1,2,2-Tetrachloroethane	0.588	0.602	-2.4	83	0.00
72	1,2,3-Trichloropropane	0.544	0.497	8.6	72	0.00
73	Bromobenzene	0.558	0.522	6.5	77	0.00
74	n-propylbenzene	2.695	2.539	5.8	79	0.00
75	2-Chlorotoluene	1.605	1.566	2.4	79	0.00
76	1,3,5-Trimethylbenzene	1.911	1.853	3.0	78	0.00
77	t-1,4-Dichloro-2-butene	0.225	0.193	14.2	72	0.00
78	4-Chlorotoluene	1.592	1.578	0.9	80	0.00
79	tert-butylbenzene	1.626	1.523	6.3	77	0.00
80	1,2,4-Trimethylbenzene	1.906	1.833	3.8	78	0.00
81	sec-Butylbenzene	2.344	2.273	3.0	80	0.00
82	p-Isopropyltoluene	1.966	1.831	6.9	76	0.00
83 M	1,3-Dichlorobenzene	1.042	0.998	4.2	79	0.00
84 M	1,4-Dichlorobenzene	1.009	0.980	2.9	78	0.00
85	n-Butylbenzene	1.656	1.503	9.2	75	0.00
86 T	Hexachloroethane	0.376	0.342	9.0	76	0.00
87 M	1,2-Dichlorobenzene	0.992	0.995	-0.3	81	0.00
88	1,2-Dibromo-3-Chloropropane	0.128	0.125	2.3	85	0.00
89	1,2,4-Trichlorobenzene	0.544	0.510	6.3	77	0.00
90	Hexachlorobutadiene	0.218	0.205	6.0	78	0.00
91 M	Naphthalene	1.749	1.639	6.3	83	0.00
92	1,2,3-Trichlorobenzene	0.544	0.510	6.3	77	0.00

(#) = Out of Range

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