

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041024\
 Data File : VN081691.D
 Acq On : 10 Apr 2024 19:41
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 11 09:28:29 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	85	-0.01
2 M	Dichlorodifluoromethane	4.192	4.159	0.8	84	0.00
3 M	Chloromethane	3.637	4.555	-25.2#	102	0.00
4 M	Vinyl Chloride	3.740	3.411	8.8	83	0.00
5 M	Bromomethane	3.167	3.052	3.6	77	0.00
6 M	Chloroethane	2.927	3.184	-8.8	96	0.00
7 M	Trichlorofluoromethane	6.140	7.284	-18.6	81	0.00
8 T	Diethyl Ether	2.290	2.374	-3.7	83	0.00
9	1,1,2-Trichlorotrifluoroeth	4.212	4.187	0.6	80	0.00
10 M	1,1-Dichloroethene	3.863	3.775	2.3	78	0.00
11	Methyl Iodide	4.375	4.234	3.2	100	0.00
12	Methyl Acetate	3.547	3.512	1.0	84	0.00
13 M	Acrolein	0.467	0.458	1.9	89	0.00
14 M	Acrylonitrile	1.766	1.744	1.2	83	0.00
15 M	Acetone	0.388	0.408	-5.2	87	0.00
16 M	Carbon Disulfide	10.985	11.052	-0.6	83	0.00
17	Allyl chloride	4.673	4.462	4.5	78	0.00
18 M	Methylene Chloride	4.448	4.610	-3.6	85	0.00
19 M	trans-1,2-Dichloroethene	4.236	2.285	46.1#	43#	0.00
20 T	Diisopropyl ether	11.126	12.052	-8.3	87	0.00
21 M	1,1-Dichloroethane	7.418	7.830	-5.6	86	0.00
22 M	cis-1,2-Dichloroethene	5.116	5.224	-2.1	83	0.00
23 M	tert-Butyl Alcohol	0.627	0.509	18.8	65	0.00
24 M	Methyl tert-Butyl Ether	12.082	12.300	-1.8	83	0.00
25 M	Chloroform	8.440	8.961	-6.2	86	0.00
26	Cyclohexane	5.947	5.913	0.6	83	0.00
27 s	1,2-Dichloroethane-d4	3.685	4.090	-11.0	90	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
29	1,1-Dichloropropene	0.789	0.756	4.2	83	0.00
30 M	2-Butanone	0.301	0.285	5.3	81	0.00
31	2,2-Dichloropropane	0.982	0.893	9.1	75	0.00
32 M	1,1,1-Trichloroethane	1.087	1.087	0.0	84	0.00
33 M	Carbon Tetrachloride	0.985	0.953	3.2	83	0.00
34 M	Benzene	2.541	2.530	0.4	86	0.00
35	Methacrylonitrile	0.341	0.340	0.3	84	0.00
36 M	1,2-Dichloroethane	0.833	0.860	-3.2	89	0.00
37 M	Trichloroethene	0.672	0.667	0.7	87	0.00
38	Methylcyclohexane	0.964	0.861	10.7	76	0.00
39 M	1,2-Dichloropropane	0.593	0.593	0.0	86	0.00
40	Dibromomethane	0.472	0.492	-4.2	86	0.00
41 M	Bromodichloromethane	0.963	0.987	-2.5	88	0.00
42 M	Vinyl Acetate	1.255	1.259	-0.3	85	0.00
43	Ethyl Acetate	0.664	0.695	-4.7	94	0.00
44	Isopropyl Acetate	1.112	1.094	1.6	87	0.00
45 T	1,4-Dioxane	0.012	0.011	8.3	72	0.00
46	Methyl methacrylate	0.500	0.521	-4.2	92	0.00
47	n-amyl Acetate	0.998	0.970	2.8	87	0.00
48 M	t-1,3-Dichloropropene	0.917	0.917	0.0	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.988	0.977	1.1	85	0.00
50 M	1,1,2-Trichloroethane	0.632	0.647	-2.4	87	0.00
51	Ethyl methacrylate	0.880	0.871	1.0	85	0.00
52	1,3-Dichloropropane	1.036	1.043	-0.7	85	0.00
53 M	Dibromochloromethane	0.755	0.734	2.8	83	0.00
54 M	1,2-Dibromoethane	0.653	0.642	1.7	83	0.00
55 M	2-Chloroethyl vinyl ether	0.432	0.460	-6.5	94	0.00
56 M	Bromoform	0.483	0.448	7.2	81	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	0.516	0.507	1.7	84	0.00
59 M	2-Hexanone	0.387	0.372	3.9	83	0.00
60 S	4-Bromofluorobenzene	0.590	0.599	-1.5	86	0.00
61 M	Tetrachloroethene	0.556	0.539	3.1	84	0.00
62 M	Toluene	2.183	2.167	0.7	85	0.00
63 S	Toluene-d8	1.203	1.219	-1.3	84	0.00
64 M	Chlorobenzene	1.384	1.359	1.8	84	0.00
65	1,1,1,2-Tetrachloroethane	0.503	0.487	3.2	81	0.00
66 M	Ethyl Benzene	2.321	2.182	6.0	80	0.00
67 M	m/p-Xylenes	0.919	0.897	2.4	82	0.00
68 M	o-Xylene	0.873	0.840	3.8	82	0.00
69 M	Styrene	1.486	1.422	4.3	82	0.00
70	Isopropylbenzene	2.251	2.153	4.4	81	0.00
71 M	1,1,2,2-Tetrachloroethane	0.588	0.606	-3.1	87	0.00
72	1,2,3-Trichloropropane	0.544	0.492	9.6	74	0.00
73	Bromobenzene	0.558	0.537	3.8	82	0.00
74	n-propylbenzene	2.695	2.522	6.4	81	0.00
75	2-Chlorotoluene	1.605	1.579	1.6	83	0.00
76	1,3,5-Trimethylbenzene	1.911	1.838	3.8	81	0.00
77	t-1,4-Dichloro-2-butene	0.225	0.201	10.7	78	0.00
78	4-Chlorotoluene	1.592	1.560	2.0	82	0.00
79	tert-butylbenzene	1.626	1.545	5.0	81	0.00
80	1,2,4-Trimethylbenzene	1.906	1.847	3.1	82	0.00
81	sec-Butylbenzene	2.344	2.223	5.2	81	0.00
82	p-Isopropyltoluene	1.966	1.901	3.3	82	0.00
83 M	1,3-Dichlorobenzene	1.042	1.021	2.0	84	0.00
84 M	1,4-Dichlorobenzene	1.009	1.003	0.6	83	0.00
85	n-Butylbenzene	1.656	1.544	6.8	80	0.00
86 T	Hexachloroethane	0.376	0.362	3.7	84	0.00
87 M	1,2-Dichlorobenzene	0.992	0.983	0.9	83	0.00
88	1,2-Dibromo-3-Chloropropane	0.128	0.126	1.6	89	0.00
89	1,2,4-Trichlorobenzene	0.544	0.504	7.4	79	0.00
90	Hexachlorobutadiene	0.218	0.204	6.4	81	0.00
91 M	Naphthalene	1.749	1.611	7.9	84	0.00
92	1,2,3-Trichlorobenzene	0.544	0.504	7.4	79	0.00

(#) = Out of Range

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