

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110823\
 Data File : VN079995.D
 Acq On : 08 Nov 2023 16:59
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 09 04:25:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N110823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Nov 09 04:02:05 2023
 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	95	0.00
2 M	Dichlorodifluoromethane	1.956	1.792	8.4	83	0.00
3 M	Chloromethane	2.464	2.352	4.5	89	0.00
4 M	Vinyl Chloride	2.059	1.923	6.6	91	0.00
5 M	Bromomethane	1.127	0.894	20.7	78	0.00
6 M	Chloroethane	1.196	0.974	18.6	85	0.00
7 M	Trichlorofluoromethane	3.090	2.676	13.4	86	0.00
8 T	Diethyl Ether	1.109	0.979	11.7	83	0.00
9	1,1,2-Trichlorotrifluoroeth	1.746	1.612	7.7	90	0.00
10 M	1,1-Dichloroethene	1.545	1.499	3.0	86	0.00
11	Methyl Iodide	2.043	1.793	12.2	81	0.00
12	Methyl Acetate	4.005	3.573	10.8	83	0.00
13 M	Acrolein	0.338	0.301	10.9	93	0.00
14 M	Acrylonitrile	0.951	0.845	11.1	83	0.00
15 M	Acetone	0.321	0.263	18.1	75	0.00
16 M	Carbon Disulfide	5.274	4.489	14.9	75	0.00
17	Allyl chloride	2.699	2.330	13.7	83	0.00
18 M	Methylene Chloride	2.071	1.932	6.7	90	0.00
19 M	trans-1,2-Dichloroethene	1.915	1.734	9.5	84	0.00
20 T	Diisopropyl ether	6.307	5.675	10.0	82	0.00
21 M	1,1-Dichloroethane	3.765	3.434	8.8	84	0.00
22 M	cis-1,2-Dichloroethene	2.222	1.969	11.4	83	0.00
23 M	tert-Butyl Alcohol	0.257	0.239	7.0	86	0.00
24 M	Methyl tert-Butyl Ether	5.687	4.997	12.1	81	0.00
25 M	Chloroform	3.886	3.540	8.9	84	0.00
26	Cyclohexane	2.962	2.586	12.7	82	0.00
27 s	1,2-Dichloroethane-d4	2.518	2.555	-1.5	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
29	1,1-Dichloropropene	0.515	0.470	8.7	82	0.00
30 M	2-Butanone	0.246	0.218	11.4	80	0.00
31	2,2-Dichloropropane	0.556	0.515	7.4	83	0.00
32 M	1,1,1-Trichloroethane	0.588	0.557	5.3	86	0.00
33 M	Carbon Tetrachloride	0.517	0.486	6.0	85	0.00
34 M	Benzene	1.530	1.467	4.1	86	0.00
35	Methacrylonitrile	0.258	0.226	12.4	80	0.00
36 M	1,2-Dichloroethane	0.554	0.534	3.6	87	0.00
37 M	Trichloroethene	0.368	0.347	5.7	85	0.00
38	Methylcyclohexane	0.483	0.414	14.3	78	0.00
39 M	1,2-Dichloropropane	0.405	0.382	5.7	85	0.00
40	Dibromomethane	0.262	0.250	4.6	87	0.00
41 M	Bromodichloromethane	0.542	0.508	6.3	86	0.00
42 M	Vinyl Acetate	0.611	0.558	8.7	83	0.00
43	Ethyl Acetate	0.462	0.453	1.9	82	0.00
44	Isopropyl Acetate	0.753	0.691	8.2	84	0.00
45 T	1,4-Dioxane	0.006	0.006	0.0	90	-0.01
46	Methyl methacrylate	0.362	0.336	7.2	83	0.00
47	n-amyl Acetate	0.605	0.544	10.1	81	0.00
48 M	t-1,3-Dichloropropene	0.554	0.500	9.7	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.612	0.563	8.0	82	0.00
50 M	1,1,2-Trichloroethane	0.357	0.345	3.4	87	0.00
51	Ethyl methacrylate	0.513	0.460	10.3	81	0.00
52	1,3-Dichloropropane	0.638	0.610	4.4	85	0.00
53 M	Dibromochloromethane	0.382	0.349	8.6	82	0.00
54 M	1,2-Dibromoethane	0.358	0.338	5.6	86	0.00
55 M	2-Chloroethyl vinyl ether	0.236	0.248	-5.1	93	0.00
56 M	Bromoform	0.250	0.236	5.6	86	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	0.501	0.475	5.2	84	0.00
59 M	2-Hexanone	0.382	0.348	8.9	80	0.00
60 S	4-Bromofluorobenzene	0.480	0.483	-0.6	93	0.00
61 M	Tetrachloroethene	0.352	0.347	1.4	90	0.00
62 M	Toluene	1.735	1.656	4.6	86	0.00
63 S	Toluene-d8	1.421	1.447	-1.8	91	0.00
64 M	Chlorobenzene	1.035	0.959	7.3	84	0.00
65	1,1,1,2-Tetrachloroethane	0.380	0.362	4.7	85	0.00
66 M	Ethyl Benzene	1.823	1.682	7.7	83	0.00
67 M	m/p-Xylenes	0.679	0.648	4.6	84	0.00
68 M	o-Xylene	0.651	0.604	7.2	84	0.00
69 M	Styrene	1.077	1.013	5.9	83	0.00
70	Isopropylbenzene	1.623	1.519	6.4	84	0.00
71 M	1,1,2,2-Tetrachloroethane	0.553	0.510	7.8	83	0.00
72	1,2,3-Trichloropropane	0.514	0.495	3.7	89	0.00
73	Bromobenzene	0.399	0.376	5.8	87	0.00
74	n-propylbenzene	1.942	1.821	6.2	85	0.00
75	2-Chlorotoluene	1.234	1.167	5.4	86	0.00
76	1,3,5-Trimethylbenzene	1.342	1.270	5.4	85	0.00
77	t-1,4-Dichloro-2-butene	0.168	0.154	8.3	86	0.00
78	4-Chlorotoluene	1.226	1.159	5.5	86	0.00
79	tert-butylbenzene	1.051	0.974	7.3	84	0.00
80	1,2,4-Trimethylbenzene	1.316	1.256	4.6	86	0.00
81	sec-Butylbenzene	1.484	1.367	7.9	83	0.00
82	p-Isopropyltoluene	1.205	1.112	7.7	83	0.00
83 M	1,3-Dichlorobenzene	0.727	0.687	5.5	84	0.00
84 M	1,4-Dichlorobenzene	0.714	0.656	8.1	84	0.00
85	n-Butylbenzene	1.008	0.871	13.6	80	0.00
86 T	Hexachloroethane	0.234	0.214	8.5	85	0.00
87 M	1,2-Dichlorobenzene	0.695	0.667	4.0	87	0.00
88	1,2-Dibromo-3-Chloropropane	0.101	0.092	8.9	82	0.00
89	1,2,4-Trichlorobenzene	0.322	0.272	15.5	76	0.00
90	Hexachlorobutadiene	0.159	0.138	13.2	79	0.00
91 M	Naphthalene	1.033	0.795	23.0	69	0.00
92	1,2,3-Trichlorobenzene	0.322	0.272	15.5	76	0.00

(#) = Out of Range

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