

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011124\
 Data File : VN080681.D
 Acq On : 11 Jan 2024 17:14
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jan 12 05:52:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N011124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jan 12 05:20:11 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	93	-0.01
2 M	Dichlorodifluoromethane	5.099	4.973	2.5	91	0.00
3 M	Chloromethane	6.946	6.906	0.6	96	0.00
4 M	Vinyl Chloride	5.283	4.985	5.6	89	0.00
5 M	Bromomethane	1.940	1.838	5.3	88	0.00
6 M	Chloroethane	2.856	2.756	3.5	89	0.00
7 M	Trichlorofluoromethane	7.893	7.435	5.8	88	0.00
8 T	Diethyl Ether	3.673	3.512	4.4	87	0.00
9	1,1,2-Trichlorotrifluoroeth	4.548	4.606	-1.3	93	0.00
10 M	1,1-Dichloroethene	4.886	4.700	3.8	88	0.00
11	Methyl Iodide	4.167	3.763	9.7	85	0.00
12	Methyl Acetate	5.780	5.837	-1.0	93	0.00
13 M	Acrolein	0.768	0.832	-8.3	103	0.00
14 M	Acrylonitrile	2.605	2.661	-2.1	94	0.00
15 M	Acetone	0.591	0.492	16.8	74	0.00
16 M	Carbon Disulfide	15.136	14.120	6.7	86	0.00
17	Allyl chloride	9.890	9.046	8.5	85	0.00
18 M	Methylene Chloride	5.678	5.569	1.9	89	0.01
19 M	trans-1,2-Dichloroethene	5.137	5.181	-0.9	90	0.00
20 T	Diisopropyl ether	20.070	20.353	-1.4	93	0.00
21 M	1,1-Dichloroethane	10.899	10.709	1.7	88	0.00
22 M	cis-1,2-Dichloroethene	6.009	6.115	-1.8	94	0.00
23 M	tert-Butyl Alcohol	0.898	0.886	1.3	88	0.01
24 M	Methyl tert-Butyl Ether	17.666	17.353	1.8	88	0.00
25 M	Chloroform	10.148	9.904	2.4	90	0.00
26	Cyclohexane	8.571	8.592	-0.2	92	0.00
27 s	1,2-Dichloroethane-d4	4.845	4.719	2.6	83	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29	1,1-Dichloropropene	0.912	0.856	6.1	90	0.00
30 M	2-Butanone	0.404	0.365	9.7	82	0.00
31	2,2-Dichloropropane	1.096	1.020	6.9	89	0.00
32 M	1,1,1-Trichloroethane	1.003	0.946	5.7	91	0.00
33 M	Carbon Tetrachloride	0.793	0.747	5.8	91	0.00
34 M	Benzene	2.705	2.609	3.5	90	0.00
35	Methacrylonitrile	0.506	0.514	-1.6	93	0.00
36 M	1,2-Dichloroethane	0.995	0.924	7.1	87	0.00
37 M	Trichloroethene	0.590	0.588	0.3	97	0.00
38	Methylcyclohexane	0.888	0.862	2.9	92	0.00
39 M	1,2-Dichloropropane	0.729	0.744	-2.1	98	0.00
40	Dibromomethane	0.434	0.399	8.1	86	0.00
41 M	Bromodichloromethane	0.949	0.868	8.5	86	0.00
42 M	Vinyl Acetate	1.876	1.814	3.3	89	0.00
43	Ethyl Acetate	0.847	0.749	11.6	75	0.00
44	Isopropyl Acetate	1.618	1.521	6.0	88	0.00
45 T	1,4-Dioxane	0.009	0.009	0.0	79	0.00
46	Methyl methacrylate	0.762	0.752	1.3	92	0.00
47	n-amyl Acetate	1.451	1.426	1.7	91	0.00
48 M	t-1,3-Dichloropropene	1.119	1.037	7.3	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	1.187	1.164	1.9	93	0.00
50 M	1,1,2-Trichloroethane	0.596	0.591	0.8	91	0.00
51	Ethyl methacrylate	1.030	1.002	2.7	91	0.00
52	1,3-Dichloropropane	1.122	1.085	3.3	89	0.00
53 M	Dibromochloromethane	0.596	0.583	2.2	90	0.00
54 M	1,2-Dibromoethane	0.586	0.576	1.7	92	0.00
55 M	2-Chloroethyl vinyl ether	0.529	0.555	-4.9	93	0.00
56 M	Bromoform	0.352	0.332	5.7	90	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	0.789	0.770	2.4	88	0.00
59 M	2-Hexanone	0.589	0.551	6.5	86	0.00
60 S	4-Bromofluorobenzene	0.664	0.657	1.1	88	0.00
61 M	Tetrachloroethene	0.399	0.392	1.8	92	0.00
62 M	Toluene	2.413	2.429	-0.7	95	0.00
63 S	Toluene-d8	1.317	1.330	-1.0	89	0.00
64 M	Chlorobenzene	1.344	1.315	2.2	92	0.00
65	1,1,1,2-Tetrachloroethane	0.483	0.463	4.1	92	0.00
66 M	Ethyl Benzene	2.538	2.547	-0.4	95	0.00
67 M	m/p-Xylenes	0.912	0.904	0.9	91	0.00
68 M	o-Xylene	0.910	0.913	-0.3	96	0.00
69 M	Styrene	1.528	1.541	-0.9	94	0.00
70	Isopropylbenzene	2.223	2.192	1.4	92	0.00
71 M	1,1,2,2-Tetrachloroethane	0.726	0.689	5.1	87	0.00
72	1,2,3-Trichloropropane	0.688	0.735	-6.8	94	0.00
73	Bromobenzene	0.474	0.443	6.5	87	0.00
74	n-propylbenzene	2.681	2.652	1.1	93	0.00
75	2-Chlorotoluene	1.686	1.645	2.4	94	0.00
76	1,3,5-Trimethylbenzene	1.850	1.839	0.6	94	0.00
77	t-1,4-Dichloro-2-butene	0.282	0.284	-0.7	95	0.00
78	4-Chlorotoluene	1.686	1.623	3.7	94	0.00
79	tert-butylbenzene	1.444	1.451	-0.5	94	0.00
80	1,2,4-Trimethylbenzene	1.810	1.847	-2.0	92	0.00
81	sec-Butylbenzene	2.126	2.068	2.7	92	0.00
82	p-Isopropyltoluene	1.622	1.671	-3.0	96	0.00
83 M	1,3-Dichlorobenzene	0.822	0.818	0.5	93	0.00
84 M	1,4-Dichlorobenzene	0.828	0.799	3.5	91	0.00
85	n-Butylbenzene	1.602	1.579	1.4	95	0.00
86 T	Hexachloroethane	0.305	0.276	9.5	95	0.00
87 M	1,2-Dichlorobenzene	0.807	0.815	-1.0	95	0.00
88	1,2-Dibromo-3-Chloropropane	0.151	0.134	11.3	78	0.00
89	1,2,4-Trichlorobenzene	0.405	0.394	2.7	89	-0.01
90	Hexachlorobutadiene	0.185	0.167	9.7	89	0.00
91 M	Naphthalene	1.577	1.446	8.3	83	0.00
92	1,2,3-Trichlorobenzene	0.405	0.394	2.7	89	-0.01

(#) = Out of Range

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