

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032322\
 Data File : VN071509.D
 Acq On : 23 Mar 2022 17:31
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Mar 24 02:47:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 17 06:37:08 2022
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	101	0.00
2 M	Dichlorodifluoromethane	1.940	1.587	18.2	81	0.00
3 M	Chloromethane	2.588	1.924	25.7	74	0.00
4 M	Vinyl Chloride	2.377	2.132	10.3	90	0.00
5 M	Bromomethane	1.191	1.410	-18.4	110	0.00
6 M	Chloroethane	1.446	1.400	3.2	95	0.00
7 M	Trichlorofluoromethane	2.997	2.446	18.4	82	0.00
8 T	Diethyl Ether	1.302	1.137	12.7	92	0.00
9	1,1,2-Trichlorotrifluoroeth	1.685	1.458	13.5	88	0.00
10 M	1,1-Dichloroethene	1.715	1.475	14.0	88	0.00
11	Methyl Iodide	2.362	2.149	9.0	96	0.00
12	Methyl Acetate	3.283	2.421	26.3	76	0.00
13 M	Acrolein	0.430	0.275	36.0#	65	0.00
14 M	Acrylonitrile	1.368	1.091	20.2	82	0.00
15 M	Acetone	0.360	0.296	17.8	85	0.00
16 M	Carbon Disulfide	4.638	3.688	20.5	84	0.00
17	Allyl chloride	3.535	2.418	31.6#	70	0.00
18 M	Methylene Chloride	2.091	1.951	6.7	95	0.00
19 M	trans-1,2-Dichloroethene	1.803	1.598	11.4	92	0.00
20 T	Diisopropyl ether	7.114	5.419	23.8	80	0.00
21 M	1,1-Dichloroethane	3.785	3.092	18.3	82	0.00
22 M	cis-1,2-Dichloroethene	2.185	2.025	7.3	96	0.00
23 M	tert-Butyl Alcohol	0.506	0.394	22.1	82	-0.01
24 M	Methyl tert-Butyl Ether	6.546	5.805	11.3	91	0.00
25 M	Chloroform	3.636	3.165	13.0	88	0.00
26	Cyclohexane	3.427	2.527	26.3	76	0.00
27 s	1,2-Dichloroethane-d4	2.382	2.160	9.3	91	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.483	0.420	13.0	84	0.00
30 M	2-Butanone	0.342	0.274	19.9	78	0.00
31	2,2-Dichloropropane	0.453	0.474	-4.6	100	0.00
32 M	1,1,1-Trichloroethane	0.563	0.499	11.4	85	0.00
33 M	Carbon Tetrachloride	0.479	0.414	13.6	83	0.00
34 M	Benzene	1.494	1.367	8.5	87	0.00
35	Methacrylonitrile	0.331	0.245	26.0	70	0.00
36 M	1,2-Dichloroethane	0.534	0.494	7.5	88	0.00
37 M	Trichloroethene	0.356	0.336	5.6	93	0.00
38	Methylcyclohexane	0.579	0.518	10.5	88	0.00
39 M	1,2-Dichloropropane	0.396	0.351	11.4	84	0.00
40	Dibromomethane	0.251	0.247	1.6	95	0.00
41 M	Bromodichloromethane	0.505	0.462	8.5	89	0.00
42 M	Vinyl Acetate	1.117	0.901	19.3	78	0.00
43	Ethyl Acetate	0.665	0.552	17.0	80	0.00
44	Isopropyl Acetate	1.069	0.830	22.4	76	0.00
45 T	1,4-Dioxane	0.010	0.009#	10.0	91	0.00
46	Methyl methacrylate	0.473	0.355	24.9	77	0.00
47	n-amyl Acetate	0.709	0.517	27.1	75	0.00
48 M	t-1,3-Dichloropropene	0.550	0.496	9.8	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.595	0.557	6.4	92	0.00
50 M	1,1,2-Trichloroethane	0.365	0.367	-0.5	98	0.00
51	Ethyl methacrylate	0.628	0.564	10.2	90	0.00
52	1,3-Dichloropropane	0.657	0.623	5.2	92	0.00
53 M	Dibromochloromethane	0.380	0.365	3.9	94	0.00
54 M	1,2-Dibromoethane	0.378	0.373	1.3	97	0.00
55 M	2-Chloroethyl vinyl ether	0.190	0.154	18.9	88	0.00
56 M	Bromoform	0.293	0.275	6.1	96	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
58 M	4-Methyl-2-Pentanone	0.720	0.594	17.5	77	0.00
59 M	2-Hexanone	0.535	0.432	19.3	77	0.00
60 S	4-Bromofluorobenzene	0.463	0.441	4.8	92	0.00
61 M	Tetrachloroethene	0.327	0.320	2.1	94	0.00
62 M	Toluene	1.715	1.663	3.0	91	0.00
63 S	Toluene-d8	1.380	1.400	-1.4	95	0.00
64 M	Chlorobenzene	1.040	1.021	1.8	94	0.00
65	1,1,1,2-Tetrachloroethane	0.386	0.379	1.8	93	0.00
66 M	Ethyl Benzene	1.890	1.742	7.8	88	0.00
67 M	m/p-Xylenes	0.710	0.687	3.2	93	0.00
68 M	o-Xylene	0.715	0.688	3.8	91	0.00
69 M	Styrene	1.127	1.062	5.8	93	0.00
70	Isopropylbenzene	1.808	1.693	6.4	90	0.00
71 M	1,1,2,2-Tetrachloroethane	0.627	0.622	0.8	93	0.00
72	1,2,3-Trichloropropane	0.570	0.609	-6.8	112	0.00
73	Bromobenzene	0.423	0.418	1.2	97	0.00
74	n-propylbenzene	1.993	1.791	10.1	88	0.00
75	2-Chlorotoluene	1.249	1.148	8.1	89	0.00
76	1,3,5-Trimethylbenzene	1.435	1.375	4.2	92	0.00
77	t-1,4-Dichloro-2-butene	0.189	0.168	11.1	92	0.00
78	4-Chlorotoluene	1.158	1.061	8.4	92	0.00
79	tert-butylbenzene	1.311	1.224	6.6	90	0.00
80	1,2,4-Trimethylbenzene	1.392	1.580	-13.5	107	0.14
81	sec-Butylbenzene	1.745	1.580	9.5	90	0.00
82	p-Isopropyltoluene	1.403	1.287	8.3	91	0.00
83 M	1,3-Dichlorobenzene	0.691	0.670	3.0	95	0.00
84 M	1,4-Dichlorobenzene	0.658	0.633	3.8	96	0.00
85	n-Butylbenzene	1.045	0.897	14.2	91	0.00
86 T	Hexachloroethane	0.267	0.238	10.9	91	0.00
87 M	1,2-Dichlorobenzene	0.671	0.672	-0.1	95	0.00
88	1,2-Dibromo-3-Chloropropane	0.120	0.112	6.7	91	0.00
89	1,2,4-Trichlorobenzene	0.310	0.282	9.0	95	0.00
90	Hexachlorobutadiene	0.175	0.177	-1.1	98	0.00
91 M	Naphthalene	0.972	0.828	14.8	95	0.00
92	1,2,3-Trichlorobenzene	0.318	0.285	10.4	93	0.00

(#) = Out of Range

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