

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041822\
 Data File : VN072036.D
 Acq On : 18 Apr 2022 16:08
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 19 01:19:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N032422W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Mar 24 12:03:44 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	71	0.00
2 M	Dichlorodifluoromethane	1.867	1.909	-2.2	70	0.00
3 M	Chloromethane	2.201	2.089	5.1	68	0.00
4 M	Vinyl Chloride	2.524	2.077	17.7	60	0.00
5 M	Bromomethane	1.487	0.599	59.7#	26	-0.05
6 M	Chloroethane	1.616	1.390	14.0	62	-0.08
7 M	Trichlorofluoromethane	2.943	2.783	5.4	68	-0.05
8 T	Diethyl Ether	1.236	1.171	5.3	69	-0.01
9	1,1,2-Trichlorotrifluoroeth	1.762	1.725	2.1	69	-0.03
10 M	1,1-Dichloroethene	1.738	1.612	7.2	67	-0.03
11	Methyl Iodide	2.547	2.294	9.9	66	-0.02
12	Methyl Acetate	2.449	2.336	4.6	70	0.00
13 M	Acrolein	0.261	0.178	31.8#	52	0.00
14 M	Acrylonitrile	1.109	1.078	2.8	71	0.00
15 M	Acetone	0.319	0.264	17.2	57	0.00
16 M	Carbon Disulfide	4.525	4.024	11.1	66	-0.02
17	Allyl chloride	2.819	2.392	15.1	63	-0.02
18 M	Methylene Chloride	2.085	2.176	-4.4	76	-0.02
19 M	trans-1,2-Dichloroethene	1.859	1.785	4.0	70	-0.01
20 T	Diisopropyl ether	5.898	5.421	8.1	66	0.00
21 M	1,1-Dichloroethane	3.561	3.348	6.0	68	0.00
22 M	cis-1,2-Dichloroethene	2.258	2.191	3.0	70	0.00
23 M	tert-Butyl Alcohol	0.396	0.236	40.4#	45	0.05
24 M	Methyl tert-Butyl Ether	6.273	5.716	8.9	66	-0.01
25 M	Chloroform	3.582	3.446	3.8	69	0.00
26	Cyclohexane	3.078	2.814	8.6	67	0.00
27 s	1,2-Dichloroethane-d4	2.114	2.012	4.8	67	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	71	0.00
29	1,1-Dichloropropene	0.486	0.447	8.0	67	0.00
30 M	2-Butanone	0.270	0.237	12.2	64	0.00
31	2,2-Dichloropropane	0.553	0.484	12.5	64	0.00
32 M	1,1,1-Trichloroethane	0.566	0.525	7.2	68	0.00
33 M	Carbon Tetrachloride	0.479	0.442	7.7	67	0.00
34 M	Benzene	1.509	1.492	1.1	71	0.00
35	Methacrylonitrile	0.259	0.229	11.6	61	0.00
36 M	1,2-Dichloroethane	0.526	0.476	9.5	65	0.00
37 M	Trichloroethene	0.389	0.378	2.8	71	0.00
38	Methylcyclohexane	0.612	0.550	10.1	66	0.00
39 M	1,2-Dichloropropane	0.377	0.369	2.1	70	0.00
40	Dibromomethane	0.255	0.253	0.8	72	0.00
41 M	Bromodichloromethane	0.511	0.479	6.3	69	0.00
42 M	Vinyl Acetate	0.926	0.811	12.4	64	0.00
43	Ethyl Acetate	0.524	0.477	9.0	65	0.00
44	Isopropyl Acetate	0.841	0.751	10.7	67	0.00
45 T	1,4-Dioxane	0.008	0.004#	50.0#	36	0.00
46	Methyl methacrylate	0.369	0.333	9.8	70	0.00
47	n-amyl Acetate	0.561	0.476	15.2	68	0.00
48 M	t-1,3-Dichloropropene	0.556	0.539	3.1	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.608	0.575	5.4	71	0.00
50 M	1,1,2-Trichloroethane	0.382	0.417	-9.2	79	0.00
51	Ethyl methacrylate	0.590	0.618	-4.7	80	0.00
52	1,3-Dichloropropane	0.652	0.682	-4.6	75	0.00
53 M	Dibromochloromethane	0.395	0.417	-5.6	79	0.00
54 M	1,2-Dibromoethane	0.393	0.417	-6.1	79	0.00
55 M	2-Chloroethyl vinyl ether	0.159	0.184	-15.7	87	0.00
56 M	Bromoform	0.305	0.293	3.9	74	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	0.569	0.491	13.7	73	0.00
59 M	2-Hexanone	0.416	0.325	21.9	67	0.00
60 S	4-Bromofluorobenzene	0.445	0.410	7.9	78	0.00
61 M	Tetrachloroethene	0.365	0.337	7.7	76	0.00
62 M	Toluene	1.819	1.708	6.1	78	0.00
63 S	Toluene-d8	1.362	1.268	6.9	75	0.00
64 M	Chlorobenzene	1.122	1.084	3.4	83	0.00
65	1,1,1,2-Tetrachloroethane	0.412	0.378	8.3	77	0.00
66 M	Ethyl Benzene	1.977	1.845	6.7	80	0.00
67 M	m/p-Xylenes	0.769	0.742	3.5	82	0.00
68 M	o-Xylene	0.764	0.721	5.6	81	0.00
69 M	Styrene	1.203	1.097	8.8	80	0.00
70	Isopropylbenzene	1.918	1.803	6.0	80	0.00
71 M	1,1,2,2-Tetrachloroethane	0.624	0.529	15.2	70	0.00
72	1,2,3-Trichloropropane	0.536	0.401	25.2	61	0.00
73	Bromobenzene	0.468	0.416	11.1	78	0.00
74	n-propylbenzene	2.094	1.895	9.5	80	0.00
75	2-Chlorotoluene	1.308	1.183	9.6	78	0.00
76	1,3,5-Trimethylbenzene	1.539	1.492	3.1	82	0.00
77	t-1,4-Dichloro-2-butene	0.188	0.139	26.1	70	0.00
78	4-Chlorotoluene	1.222	1.071	12.4	77	0.00
79	tert-butylbenzene	1.389	1.260	9.3	78	0.00
80	1,2,4-Trimethylbenzene	1.493	1.447	3.1	83	0.00
81	sec-Butylbenzene	1.866	1.682	9.9	79	0.00
82	p-Isopropyltoluene	1.516	1.397	7.8	82	0.00
83 M	1,3-Dichlorobenzene	0.766	0.665	13.2	78	0.00
84 M	1,4-Dichlorobenzene	0.731	0.626	14.4	77	0.00
85	n-Butylbenzene	1.126	0.978	13.1	83	0.00
86 T	Hexachloroethane	0.283	0.226	20.1	70	0.00
87 M	1,2-Dichlorobenzene	0.740	0.669	9.6	77	0.00
88	1,2-Dibromo-3-Chloropropane	0.111	0.085	23.4	69	0.00
89	1,2,4-Trichlorobenzene	0.342	0.278	18.7	78	0.00
90	Hexachlorobutadiene	0.203	0.186	8.4	80	0.00
91 M	Naphthalene	0.951	0.751	21.0	83	0.00
92	1,2,3-Trichlorobenzene	0.336	0.289	14.0	82	0.00

(#) = Out of Range

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