

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041321\
 Data File : VN066591.D
 Acq On : 13 Apr 2021 20:38
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 14 13:19:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Apr 14 12:32:37 2021
 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	99	0.00
2 M	Dichlorodifluoromethane	2.164	1.894	12.5	93	0.00
3 M	Chloromethane	3.036	2.800	7.8	102	0.00
4 M	Vinyl Chloride	2.780	2.447	12.0	94	0.00
5 M	Bromomethane	1.858	1.613	13.2	94	0.00
6 M	Chloroethane	1.853	1.791	3.3	107	0.00
7 M	Trichlorofluoromethane	4.000	3.652	8.7	98	0.00
8 T	Diethyl Ether	1.476	1.294	12.3	96	0.00
9	1,1,2-Trichlorotrifluoroeth	2.065	1.843	10.8	96	0.00
10 M	1,1-Dichloroethene	2.013	1.815	9.8	96	0.00
11	Methyl Iodide	2.497	2.192	12.2	90	0.00
12	Methyl Acetate	4.180	3.457	17.3	91	0.00
13 M	Acrolein	0.449	0.368	18.0	98	0.00
14 M	Acrylonitrile	1.108	0.907	18.1	90	0.00
15 M	Acetone	0.408	0.298	27.0	86	0.00
16 M	Carbon Disulfide	6.926	5.931	14.4	95	-0.01
17	Allyl chloride	5.320	4.998	6.1	96	0.00
18 M	Methylene Chloride	2.281	1.890	17.1	95	0.00
19 M	trans-1,2-Dichloroethene	1.925	1.701	11.6	98	-0.01
20 T	Diisopropyl ether	7.757	7.076	8.8	98	0.00
21 M	1,1-Dichloroethane	4.123	3.681	10.7	99	0.00
22 M	cis-1,2-Dichloroethene	2.086	1.826	12.5	97	0.00
23 M	tert-Butyl Alcohol	0.369	0.288	22.0	90	0.03
24 M	Methyl tert-Butyl Ether	6.050	5.155	14.8	94	0.00
25 M	Chloroform	4.048	3.543	12.5	96	0.00
26	Cyclohexane	3.520	2.663	24.3	98	0.00
27 s	1,2-Dichloroethane-d4	2.766	2.792	-0.9	100	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.597	0.519	13.1	92	0.00
30 M	2-Butanone	0.338	0.275	18.6	89	0.00
31	2,2-Dichloropropane	0.729	0.642	11.9	96	0.00
32 M	1,1,1-Trichloroethane	0.733	0.701	4.4	101	0.00
33 M	Carbon Tetrachloride	0.618	0.579	6.3	98	0.00
34 M	Benzene	1.794	1.657	7.6	98	0.00
35	Methacrylonitrile	0.327	0.263	19.6	99	-0.02
36 M	1,2-Dichloroethane	0.730	0.677	7.3	99	0.00
37 M	Trichloroethene	0.407	0.360	11.5	95	0.00
38	Methylcyclohexane	0.591	0.487	17.6	91	0.00
39 M	1,2-Dichloropropane	0.506	0.473	6.5	101	0.00
40	Dibromomethane	0.319	0.296	7.2	99	0.00
41 M	Bromodichloromethane	0.696	0.636	8.6	96	0.00
42 M	Vinyl Acetate	1.350	1.224	9.3	91	0.00
43	Ethyl Acetate	0.752	0.578	23.1	90	0.00
44	Isopropyl Acetate	1.176	1.012	13.9	92	0.00
45 T	1,4-Dioxane	0.006	0.006#	0.0	94	0.00
46	Methyl methacrylate	0.537	0.445	17.1	90	0.00
47	n-amyl Acetate	0.341	0.230	32.6#	83	0.00
48 M	t-1,3-Dichloropropene	0.677	0.579	14.5	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.720	0.630	12.5	92	0.00
50 M	1,1,2-Trichloroethane	0.431	0.408	5.3	101	0.00
51	Ethyl methacrylate	0.549	0.453	17.5	89	0.00
52	1,3-Dichloropropane	0.738	0.688	6.8	99	0.00
53 M	Dibromochloromethane	0.469	0.437	6.8	100	0.00
54 M	1,2-Dibromoethane	0.423	0.386	8.7	96	0.00
55 M	2-Chloroethyl vinyl ether	0.051	0.045#	11.8	92	0.00
56 M	Bromoform	0.305	0.269	11.8	95	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	0.709	0.614	13.4	93	0.00
59 M	2-Hexanone	0.460	0.382	17.0	89	0.00
60 S	4-Bromofluorobenzene	0.457	0.462	-1.1	95	0.00
61 M	Tetrachloroethene	0.367	0.305	16.9	90	0.00
62 M	Toluene	1.853	1.694	8.6	98	0.00
63 S	Toluene-d8	1.438	1.478	-2.8	97	0.00
64 M	Chlorobenzene	1.074	0.957	10.9	96	0.00
65	1,1,1,2-Tetrachloroethane	0.442	0.412	6.8	101	0.00
66 M	Ethyl Benzene	1.895	1.692	10.7	97	0.00
67 M	m/p-Xylenes	0.706	0.628	11.0	95	0.00
68 M	o-Xylene	0.647	0.573	11.4	92	0.00
69 M	Styrene	1.074	0.931	13.3	91	0.00
70	Isopropylbenzene	1.713	1.544	9.9	96	0.00
71 M	1,1,2,2-Tetrachloroethane	0.644	0.591	8.2	99	0.00
72	1,2,3-Trichloropropane	0.602	0.511	15.1	95	0.00
73	Bromobenzene	0.420	0.380	9.5	96	0.00
74	n-propylbenzene	2.026	1.815	10.4	96	0.00
75	2-Chlorotoluene	1.269	1.117	12.0	93	0.00
76	1,3,5-Trimethylbenzene	1.450	1.292	10.9	94	0.00
77	t-1,4-Dichloro-2-butene	0.136	0.116	14.7	84	0.00
78	4-Chlorotoluene	1.183	1.083	8.5	95	0.00
79	tert-butylbenzene	1.192	1.069	10.3	95	0.00
80	1,2,4-Trimethylbenzene	1.367	1.276	6.7	98	0.00
81	sec-Butylbenzene	1.627	1.431	12.0	95	0.00
82	p-Isopropyltoluene	1.359	1.223	10.0	96	0.00
83 M	1,3-Dichlorobenzene	0.734	0.671	8.6	98	0.00
84 M	1,4-Dichlorobenzene	0.758	0.605	20.2	101	0.00
85	n-Butylbenzene	1.202	0.896	25.5	88	0.00
86 T	Hexachloroethane	0.328	0.297	9.5	102	0.00
87 M	1,2-Dichlorobenzene	0.718	0.632	12.0	94	0.00
88	1,2-Dibromo-3-Chloropropane	0.119	0.104	12.6	96	0.00
89	1,2,4-Trichlorobenzene	0.421	0.313	25.7	88	0.00
90	Hexachlorobutadiene	0.238	0.190	20.2	91	0.00
91 M	Naphthalene	1.128	0.725	35.7#	81	0.00
92	1,2,3-Trichlorobenzene	0.407	0.309	24.1	88	0.00

(#) = Out of Range

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