

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100719\
 Data File : VN058558.D
 Acq On : 7 Oct 2019 11:26
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 08 14:45:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092419W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 25 01:36:25 2019
 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	85	0.00
2 M	Dichlorodifluoromethane	1.804	1.830	-1.4	84	0.00
3 M	Chloromethane	2.083	2.387	-14.6	99	0.00
4 M	Vinyl Chloride	2.079	2.206	-6.1	90	0.00
5 M	Bromomethane	1.129	1.098	2.7	89	0.00
6 M	Chloroethane	1.228	1.375	-12.0	93	0.00
7 M	Trichlorofluoromethane	2.447	2.612	-6.7	88	0.00
8 T	Diethyl Ether	1.088	1.109	-1.9	88	0.00
9	1,1,2-Trichlorotrifluoroeth	1.685	1.689	-0.2	86	0.00
10 M	1,1-Dichloroethene	1.647	1.650	-0.2	86	0.00
11	Methyl Iodide	1.689	1.450	14.2	83	0.00
12	Methyl Acetate	2.193	2.246	-2.4	92	0.00
13 M	Acrolein	0.062	0.123	-98.4#	166#	0.00
14 M	Acrylonitrile	0.906	0.908	-0.2	87	0.00
15 M	Acetone	0.251	0.330	-31.5#	107	0.00
16 M	Carbon Disulfide	4.577	4.565	0.3	92	0.00
17	Allyl chloride	3.076	3.269	-6.3	93	0.00
18 M	Methylene Chloride	1.943	2.062	-6.1	91	0.00
19 M	trans-1,2-Dichloroethene	1.846	1.834	0.7	86	0.00
20 T	Diisopropyl ether	6.555	6.692	-2.1	89	0.00
21 M	1,1-Dichloroethane	3.668	3.809	-3.8	90	0.00
22 M	cis-1,2-Dichloroethene	2.145	2.135	0.5	86	0.00
23 M	tert-Butyl Alcohol	0.334	0.347	-3.9	92	0.00
24 M	Methyl tert-Butyl Ether	5.912	6.073	-2.7	89	0.00
25 M	Chloroform	3.714	3.777	-1.7	89	0.00
26	Cyclohexane	3.428	3.241	5.5	82	0.00
27 s	1,2-Dichloroethane-d4	2.652	2.659	-0.3	84	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
29	1,1-Dichloropropene	0.490	0.482	1.6	85	0.00
30 M	2-Butanone	0.222	0.235	-5.9	91	0.00
31	2,2-Dichloropropane	0.504	0.593	-17.7	102	0.00
32 M	1,1,1-Trichloroethane	0.528	0.554	-4.9	91	0.00
33 M	Carbon Tetrachloride	0.449	0.467	-4.0	91	0.00
34 M	Benzene	1.389	1.399	-0.7	86	0.00
35	Methacrylonitrile	0.191	0.221	-15.7	102	0.00
36 M	1,2-Dichloroethane	0.544	0.545	-0.2	87	0.00
37 M	Trichloroethene	0.348	0.349	-0.3	86	0.00
38	Methylcyclohexane	0.592	0.528	10.8	79	0.00
39 M	1,2-Dichloropropane	0.379	0.388	-2.4	89	0.00
40	Dibromomethane	0.239	0.241	-0.8	87	0.00
41 M	Bromodichloromethane	0.473	0.491	-3.8	92	0.00
42 M	Vinyl Acetate	0.849	0.946	-11.4	89	0.00
43	Ethyl Acetate	0.441	0.430	2.5	85	0.00
44	Isopropyl Acetate	0.790	0.760	3.8	84	0.00
45 T	1,4-Dioxane	0.007	0.006#	14.3	79	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.375	0.354	5.6	84	0.00
47	n-amyl Acetate	0.688	0.667	3.1	88	0.00
48 M	t-1,3-Dichloropropene	0.517	0.538	-4.1	95	0.00
49 T	cis-1,3-Dichloropropene	0.575	0.595	-3.5	91	0.00
50 M	1,1,2-Trichloroethane	0.334	0.346	-3.6	89	0.00
51	Ethyl methacrylate	0.529	0.497	6.0	84	0.00
52	1,3-Dichloropropane	0.594	0.591	0.5	85	0.00
53 M	Dibromochloromethane	0.336	0.339	-0.9	92	0.00
54 M	1,2-Dibromoethane	0.341	0.340	0.3	88	0.00
55 M	2-Chloroethyl vinyl ether	0.224	0.250	-11.6	98	0.00
56 M	Bromoform	0.212	0.212	0.0	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
58 M	4-Methyl-2-Pentanone	0.470	0.497	-5.7	84	0.00
59 M	2-Hexanone	0.355	0.377	-6.2	87	0.00
60 S	4-Bromofluorobenzene	0.519	0.511	1.5	84	0.00
61 M	Tetrachloroethene	0.314	0.340	-8.3	93	0.00
62 M	Toluene	1.643	1.696	-3.2	86	0.00
63 S	Toluene-d8	1.432	1.432	0.0	84	0.00
64 M	Chlorobenzene	1.010	1.005	0.5	84	0.00
65	1,1,1,2-Tetrachloroethane	0.354	0.378	-6.8	94	0.00
66 M	Ethyl Benzene	1.792	1.888	-5.4	86	0.00
67 M	m/p-Xylenes	0.688	0.676	1.7	84	0.00
68 M	o-Xylene	0.669	0.645	3.6	82	0.00
69 M	Styrene	1.118	1.060	5.2	82	0.00
70	Isopropylbenzene	1.733	1.785	-3.0	84	0.00
71 M	1,1,2,2-Tetrachloroethane	0.551	0.537	2.5	84	0.00
72	1,2,3-Trichloropropane	0.474	0.535	-12.9	96	0.00
73	Bromobenzene	0.420	0.421	-0.2	86	0.00
74	n-propylbenzene	1.998	2.100	-5.1	84	0.00
75	2-Chlorotoluene	1.250	1.261	-0.9	86	0.00
76	1,3,5-Trimethylbenzene	1.492	1.494	-0.1	83	0.00
77	t-1,4-Dichloro-2-butene	0.155	0.156	-0.6	100	0.00
78	4-Chlorotoluene	1.281	1.290	-0.7	86	0.00
79	tert-butylbenzene	1.292	1.240	4.0	82	0.00
80	1,2,4-Trimethylbenzene	1.490	1.497	-0.5	82	0.00
81	sec-Butylbenzene	1.695	1.671	1.4	80	0.00
82	p-Isopropyltoluene	1.526	1.500	1.7	82	0.00
83 M	1,3-Dichlorobenzene	0.775	0.737	4.9	83	0.00
84 M	1,4-Dichlorobenzene	0.771	0.731	5.2	84	0.00
85	n-Butylbenzene	1.418	1.340	5.5	80	0.00
86 T	Hexachloroethane	0.247	0.249	-0.8	93	0.00
87 M	1,2-Dichlorobenzene	0.756	0.737	2.5	84	0.00
88	1,2-Dibromo-3-Chloropropane	0.108	0.105	2.8	91	0.00
89	1,2,4-Trichlorobenzene	0.494	0.414	16.2	78	0.00
90	Hexachlorobutadiene	0.239	0.199	16.7	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.357	1.173	13.6	80	0.00
92	1,2,3-Trichlorobenzene	0.475	0.393	17.3	78	0.00

(#) = Out of Range

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