

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN081518\
 Data File : VN050667.D
 Acq On : 15 Aug 2018 20:35
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 16 04:32:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N072518W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Jul 26 15:21:50 2018
 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	86	0.00
2 M	Dichlorodifluoromethane	2.067	1.628	21.2	60	0.00
3 M	Chloromethane	2.131	2.098	1.5	81	0.00
4 M	Vinyl Chloride	2.269	2.195	3.3	79	0.00
5 M	Bromomethane	1.383	1.222	11.6	73	0.00
6 M	Chloroethane	1.342	1.346	-0.3	82	0.00
7 M	Trichlorofluoromethane	2.965	2.937	0.9	79	0.00
8 T	Diethyl Ether	0.995	1.004	-0.9	88	0.00
9	1,1,2-Trichlorotrifluoroeth	1.804	1.790	0.8	79	0.00
10 M	1,1-Dichloroethene	1.599	1.567	2.0	81	0.00
11	Methyl Iodide	2.354	1.020	56.7#	37	0.00
12	Methyl Acetate	1.832	1.600	12.7	72	0.00
13 M	Acrolein	0.113	0.033#	70.8#	28	0.00
14 M	Acrylonitrile	0.611	0.618	-1.1	88	0.00
15 M	Acetone	0.162	0.197	-21.6	99	0.00
16 M	Carbon Disulfide	4.895	4.926	-0.6	84	0.00
17	Allyl chloride	2.526	2.427	3.9	83	0.00
18 M	Methylene Chloride	1.846	1.929	-4.5	87	0.00
19 M	trans-1,2-Dichloroethene	1.712	1.754	-2.5	85	0.00
20 T	Diisopropyl ether	5.179	5.607	-8.3	89	0.00
21 M	1,1-Dichloroethane	3.257	3.367	-3.4	86	0.00
22 M	cis-1,2-Dichloroethene	1.899	1.956	-3.0	87	0.00
23 M	tert-Butyl Alcohol	0.137	0.127	7.3	81	0.00
24 M	Methyl tert-Butyl Ether	4.362	4.411	-1.1	86	0.00
25 M	Chloroform	3.297	3.450	-4.6	86	0.00
26	Cyclohexane	2.588	2.681	-3.6	87	0.00
27 s	1,2-Dichloroethane-d4	2.039	2.003	1.8	83	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
29	1,1-Dichloropropene	0.466	0.480	-3.0	85	0.00
30 M	2-Butanone	0.146	0.170	-16.4	102	0.00
31	2,2-Dichloropropane	0.515	0.423	17.9	69	0.00
32 M	1,1,1-Trichloroethane	0.548	0.556	-1.5	85	0.00
33 M	Carbon Tetrachloride	0.489	0.492	-0.6	86	0.00
34 M	Benzene	1.414	1.492	-5.5	88	0.00
35	Methacrylonitrile	0.166	0.152	8.4	84	0.00
36 M	1,2-Dichloroethane	0.464	0.475	-2.4	86	0.00
37 M	Trichloroethene	0.371	0.379	-2.2	86	0.00
38	Methylcyclohexane	0.491	0.475	3.3	84	0.00
39 M	1,2-Dichloropropane	0.372	0.396	-6.5	89	0.00
40	Dibromomethane	0.230	0.236	-2.6	88	0.00
41 M	Bromodichloromethane	0.486	0.490	-0.8	86	0.00
42 M	Vinyl Acetate	0.687	0.702	-2.2	89	0.00
43	Ethyl Acetate	0.305	0.306	-0.3	85	0.00
44	Isopropyl Acetate	0.565	0.580	-2.7	88	0.00
45 T	1,4-Dioxane	0.004	0.004#	0.0	86	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.274	0.250	8.8	80	0.00
47	n-amyl Acetate	0.440	0.416	5.5	89	0.00
48 M	t-1,3-Dichloropropene	0.463	0.452	2.4	84	0.00
49 T	cis-1,3-Dichloropropene	0.544	0.534	1.8	85	0.00
50 M	1,1,2-Trichloroethane	0.330	0.343	-3.9	89	0.00
51	Ethyl methacrylate	0.401	0.391	2.5	91	0.00
52	1,3-Dichloropropane	0.543	0.563	-3.7	88	0.00
53 M	Dibromochloromethane	0.375	0.373	0.5	86	0.00
54 M	1,2-Dibromoethane	0.324	0.322	0.6	86	0.00
55 M	2-Chloroethyl vinyl ether	0.182	0.186	-2.2	91	0.00
56 M	Bromoform	0.265	0.257	3.0	87	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	85	0.00
58 M	4-Methyl-2-Pentanone	0.349	0.454	-30.1#	109	0.00
59 M	2-Hexanone	0.238	0.289	-21.4	104	0.00
60 S	4-Bromofluorobenzene	0.461	0.456	1.1	85	0.00
61 M	Tetrachloroethene	0.406	0.412	-1.5	81	0.00
62 M	Toluene	1.712	1.816	-6.1	87	0.00
63 S	Toluene-d8	1.433	1.472	-2.7	85	0.00
64 M	Chlorobenzene	1.038	1.086	-4.6	87	0.00
65	1,1,1,2-Tetrachloroethane	0.405	0.422	-4.2	86	0.00
66 M	Ethyl Benzene	1.749	1.777	-1.6	86	0.00
67 M	m/p-Xylenes	0.673	0.706	-4.9	86	0.00
68 M	o-Xylene	0.640	0.656	-2.5	87	0.00
69 M	Styrene	1.027	1.073	-4.5	87	0.00
70	Isopropylbenzene	1.706	1.754	-2.8	86	0.00
71 M	1,1,2,2-Tetrachloroethane	0.468	0.492	-5.1	89	0.00
72	1,2,3-Trichloropropane	0.400	0.398	0.5	83	0.00
73	Bromobenzene	0.454	0.458	-0.9	85	0.00
74	n-propylbenzene	1.987	1.977	0.5	82	0.00
75	2-Chlorotoluene	1.193	1.218	-2.1	84	0.00
76	1,3,5-Trimethylbenzene	1.401	1.446	-3.2	84	0.00
77	t-1,4-Dichloro-2-butene	0.131	0.107	18.3	75	0.00
78	4-Chlorotoluene	1.182	1.195	-1.1	84	0.00
79	tert-butylbenzene	1.198	1.210	-1.0	85	0.00
80	1,2,4-Trimethylbenzene	1.419	1.462	-3.0	84	0.00
81	sec-Butylbenzene	1.627	1.605	1.4	81	0.00
82	p-Isopropyltoluene	1.388	1.351	2.7	80	0.00
83 M	1,3-Dichlorobenzene	0.791	0.779	1.5	83	0.00
84 M	1,4-Dichlorobenzene	0.748	0.731	2.3	82	0.00
85	n-Butylbenzene	1.127	1.006	10.7	77	0.00
86 T	Hexachloroethane	0.277	0.262	5.4	79	0.00
87 M	1,2-Dichlorobenzene	0.773	0.768	0.6	81	0.00
88	1,2-Dibromo-3-Chloropropane	0.073	0.069	5.5	81	0.00
89	1,2,4-Trichlorobenzene	0.369	0.321	13.0	78	0.00
90	Hexachlorobutadiene	0.244	0.227	7.0	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.820	0.643	21.6	80	0.00
92	1,2,3-Trichlorobenzene	0.376	0.332	11.7	77	0.00

(#) = Out of Range

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