

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN080318\
 Data File : VN050304.D
 Acq On : 3 Aug 2018 10:29
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Aug 03 23:11:23 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	91	0.00
2 M	Dichlorodifluoromethane	2.067	1.856	10.2	73	0.00
3 M	Chloromethane	2.131	1.681	21.1	69	0.00
4 M	Vinyl Chloride	2.269	1.888	16.8	72	0.00
5 M	Bromomethane	1.383	0.280	79.8#	18#	0.00
6 M	Chloroethane	1.342	1.140	15.1	74	0.00
7 M	Trichlorofluoromethane	2.965	2.730	7.9	78	0.00
8 T	Diethyl Ether	0.995	0.932	6.3	87	0.00
9	1,1,2-Trichlorotrifluoroeth	1.804	1.703	5.6	80	0.00
10 M	1,1-Dichloroethene	1.599	1.420	11.2	78	0.00
11	Methyl Iodide	2.354	0.189	92.0#	7#	0.00
12	Methyl Acetate	1.832	2.149	-17.3	103	0.00
13 M	Acrolein	0.113	0.026#	77.0#	24	0.00
14 M	Acrylonitrile	0.611	0.588	3.8	88	0.00
15 M	Acetone	0.162	0.182	-12.3	97	0.00
16 M	Carbon Disulfide	4.895	3.781	22.8	68	0.00
17	Allyl chloride	2.526	2.279	9.8	82	0.00
18 M	Methylene Chloride	1.846	1.700	7.9	81	0.00
19 M	trans-1,2-Dichloroethene	1.712	1.541	10.0	79	0.00
20 T	Diisopropyl ether	5.179	5.091	1.7	86	0.00
21 M	1,1-Dichloroethane	3.257	3.075	5.6	83	0.00
22 M	cis-1,2-Dichloroethene	1.899	1.794	5.5	85	0.00
23 M	tert-Butyl Alcohol	0.137	0.141	-2.9	96	0.00
24 M	Methyl tert-Butyl Ether	4.362	4.201	3.7	87	0.00
25 M	Chloroform	3.297	3.174	3.7	84	0.00
26	Cyclohexane	2.588	2.238	13.5	77	0.00
27 s	1,2-Dichloroethane-d4	2.039	2.045	-0.3	90	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.466	0.408	12.4	79	0.00
30 M	2-Butanone	0.146	0.141	3.4	93	0.00
31	2,2-Dichloropropane	0.515	0.482	6.4	86	0.00
32 M	1,1,1-Trichloroethane	0.548	0.496	9.5	83	0.00
33 M	Carbon Tetrachloride	0.489	0.430	12.1	82	0.00
34 M	Benzene	1.414	1.262	10.7	82	0.00
35	Methacrylonitrile	0.166	0.152	8.4	91	0.00
36 M	1,2-Dichloroethane	0.464	0.417	10.1	82	0.00
37 M	Trichloroethene	0.371	0.325	12.4	81	0.00
38	Methylcyclohexane	0.491	0.411	16.3	80	0.00
39 M	1,2-Dichloropropane	0.372	0.346	7.0	85	0.00
40	Dibromomethane	0.230	0.207	10.0	84	0.00
41 M	Bromodichloromethane	0.486	0.446	8.2	85	0.00
42 M	Vinyl Acetate	0.687	0.591	14.0	82	0.00
43	Ethyl Acetate	0.305	0.282	7.5	86	0.00
44	Isopropyl Acetate	0.565	0.582	-3.0	97	0.00
45 T	1,4-Dioxane	0.004	0.004#	0.0	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.274	0.258	5.8	90	0.00
47	n-amyl Acetate	0.440	0.377	14.3	88	0.00
48 M	t-1,3-Dichloropropene	0.463	0.423	8.6	86	0.00
49 T	cis-1,3-Dichloropropene	0.544	0.482	11.4	84	0.00
50 M	1,1,2-Trichloroethane	0.330	0.305	7.6	86	0.00
51	Ethyl methacrylate	0.401	0.359	10.5	91	0.00
52	1,3-Dichloropropane	0.543	0.497	8.5	85	0.00
53 M	Dibromochloromethane	0.375	0.336	10.4	85	0.00
54 M	1,2-Dibromoethane	0.324	0.292	9.9	86	0.00
55 M	2-Chloroethyl vinyl ether	0.182	0.156	14.3	83	0.00
56 M	Bromoform	0.265	0.229	13.6	84	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
58 M	4-Methyl-2-Pentanone	0.349	0.348	0.3	90	0.00
59 M	2-Hexanone	0.238	0.237	0.4	92	0.00
60 S	4-Bromofluorobenzene	0.461	0.457	0.9	92	0.00
61 M	Tetrachloroethene	0.406	0.368	9.4	78	0.00
62 M	Toluene	1.712	1.595	6.8	82	0.00
63 S	Toluene-d8	1.433	1.447	-1.0	90	0.00
64 M	Chlorobenzene	1.038	0.977	5.9	85	0.00
65	1,1,1,2-Tetrachloroethane	0.405	0.387	4.4	85	0.00
66 M	Ethyl Benzene	1.749	1.611	7.9	84	0.00
67 M	m/p-Xylenes	0.673	0.631	6.2	83	0.00
68 M	o-Xylene	0.640	0.604	5.6	86	0.00
69 M	Styrene	1.027	0.958	6.7	83	0.00
70	Isopropylbenzene	1.706	1.621	5.0	85	0.00
71 M	1,1,2,2-Tetrachloroethane	0.468	0.458	2.1	90	0.00
72	1,2,3-Trichloropropane	0.400	0.372	7.0	84	0.00
73	Bromobenzene	0.454	0.419	7.7	84	0.00
74	n-propylbenzene	1.987	1.846	7.1	82	0.00
75	2-Chlorotoluene	1.193	1.124	5.8	84	0.00
76	1,3,5-Trimethylbenzene	1.401	1.330	5.1	83	0.00
77	t-1,4-Dichloro-2-butene	0.131	0.102	22.1	77	0.00
78	4-Chlorotoluene	1.182	1.103	6.7	83	0.00
79	tert-butylbenzene	1.198	1.143	4.6	86	0.00
80	1,2,4-Trimethylbenzene	1.419	1.336	5.8	82	0.00
81	sec-Butylbenzene	1.627	1.537	5.5	84	0.00
82	p-Isopropyltoluene	1.388	1.307	5.8	84	0.00
83 M	1,3-Dichlorobenzene	0.791	0.719	9.1	82	0.00
84 M	1,4-Dichlorobenzene	0.748	0.682	8.8	83	0.00
85	n-Butylbenzene	1.127	0.998	11.4	82	0.00
86 T	Hexachloroethane	0.277	0.236	14.8	77	0.00
87 M	1,2-Dichlorobenzene	0.773	0.732	5.3	84	0.00
88	1,2-Dibromo-3-Chloropropane	0.073	0.069	5.5	87	0.00
89	1,2,4-Trichlorobenzene	0.369	0.308	16.5	81	0.00
90	Hexachlorobutadiene	0.244	0.229	6.1	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.820	0.622	24.1	83	0.00
92	1,2,3-Trichlorobenzene	0.376	0.332	11.7	83	0.00

(#) = Out of Range

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