

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100118\
 Data File : VN051626.D
 Acq On : 1 Oct 2018 10:18
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 02 01:06:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 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	98	0.00
2 M	Dichlorodifluoromethane	2.633	2.728	-3.6	92	0.00
3 M	Chloromethane	2.946	2.885	2.1	89	0.00
4 M	Vinyl Chloride	2.890	2.694	6.8	87	0.00
5 M	Bromomethane	1.501	1.381	8.0	85	0.00
6 M	Chloroethane	1.450	1.380	4.8	82	0.00
7 M	Trichlorofluoromethane	3.531	3.463	1.9	92	0.00
8 T	Diethyl Ether	1.109	1.054	5.0	90	0.00
9	1,1,2-Trichlorotrifluoroeth	1.996	2.115	-6.0	98	0.00
10 M	1,1-Dichloroethene	1.811	1.796	0.8	92	0.00
11	Methyl Iodide	2.332	2.208	5.3	92	0.00
12	Methyl Acetate	1.599	1.521	4.9	88	0.00
13 M	Acrolein	0.177	0.138	22.0	79	0.00
14 M	Acrylonitrile	0.640	0.604	5.6	89	0.00
15 M	Acetone	0.168	0.168	0.0	93	0.00
16 M	Carbon Disulfide	5.837	5.574	4.5	90	0.00
17	Allyl chloride	3.240	3.050	5.9	90	0.00
18 M	Methylene Chloride	2.083	2.093	-0.5	93	0.00
19 M	trans-1,2-Dichloroethene	1.923	1.860	3.3	90	0.00
20 T	Diisopropyl ether	6.428	6.403	0.4	90	0.00
21 M	1,1-Dichloroethane	3.810	3.777	0.9	92	0.00
22 M	cis-1,2-Dichloroethene	2.100	2.022	3.7	89	0.00
23 M	tert-Butyl Alcohol	0.122	0.108	11.5	86	0.00
24 M	Methyl tert-Butyl Ether	4.761	4.550	4.4	90	0.00
25 M	Chloroform	3.643	3.738	-2.6	94	0.00
26	Cyclohexane	3.297	3.209	2.7	91	0.00
27 s	1,2-Dichloroethane-d4	2.089	2.113	-1.1	98	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
29	1,1-Dichloropropene	0.512	0.510	0.4	92	0.00
30 M	2-Butanone	0.139	0.135	2.9	93	0.00
31	2,2-Dichloropropane	0.552	0.557	-0.9	92	0.00
32 M	1,1,1-Trichloroethane	0.575	0.588	-2.3	94	0.00
33 M	Carbon Tetrachloride	0.517	0.530	-2.5	95	0.00
34 M	Benzene	1.518	1.531	-0.9	93	0.00
35	Methacrylonitrile	0.157	0.142	9.6	81	0.00
36 M	1,2-Dichloroethane	0.484	0.480	0.8	92	0.00
37 M	Trichloroethene	0.390	0.381	2.3	92	0.00
38	Methylcyclohexane	0.590	0.559	5.3	90	0.00
39 M	1,2-Dichloropropane	0.416	0.421	-1.2	93	0.00
40	Dibromomethane	0.231	0.230	0.4	92	0.00
41 M	Bromodichloromethane	0.504	0.514	-2.0	94	0.00
42 M	Vinyl Acetate	0.775	0.738	4.8	89	0.00
43	Ethyl Acetate	0.295	0.287	2.7	88	0.00
44	Isopropyl Acetate	0.577	0.525	9.0	88	0.00
45 T	1,4-Dioxane	0.003	0.003#	0.0	90	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.268	0.250	6.7	88	0.00
47	n-amyl Acetate	0.432	0.370	14.4	86	0.00
48 M	t-1,3-Dichloropropene	0.503	0.467	7.2	89	0.00
49 T	cis-1,3-Dichloropropene	0.588	0.582	1.0	93	0.00
50 M	1,1,2-Trichloroethane	0.326	0.329	-0.9	93	0.00
51	Ethyl methacrylate	0.396	0.354	10.6	86	0.00
52	1,3-Dichloropropane	0.560	0.554	1.1	92	0.00
53 M	Dibromochloromethane	0.372	0.365	1.9	93	0.00
54 M	1,2-Dibromoethane	0.313	0.300	4.2	91	0.00
55 M	2-Chloroethyl vinyl ether	0.196	0.182	7.1	87	0.00
56 M	Bromoform	0.247	0.239	3.2	92	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
58 M	4-Methyl-2-Pentanone	0.341	0.335	1.8	90	0.00
59 M	2-Hexanone	0.224	0.215	4.0	89	0.00
60 S	4-Bromofluorobenzene	0.461	0.458	0.7	95	0.00
61 M	Tetrachloroethene	0.425	0.435	-2.4	91	0.00
62 M	Toluene	1.840	1.860	-1.1	92	0.00
63 S	Toluene-d8	1.415	1.452	-2.6	96	0.00
64 M	Chlorobenzene	1.112	1.092	1.8	91	0.00
65	1,1,1,2-Tetrachloroethane	0.425	0.431	-1.4	94	0.00
66 M	Ethyl Benzene	1.883	1.809	3.9	89	0.00
67 M	m/p-Xylenes	0.726	0.722	0.6	90	0.00
68 M	o-Xylene	0.693	0.675	2.6	91	0.00
69 M	Styrene	1.087	1.060	2.5	90	0.00
70	Isopropylbenzene	1.848	1.834	0.8	91	0.00
71 M	1,1,2,2-Tetrachloroethane	0.447	0.449	-0.4	92	0.00
72	1,2,3-Trichloropropane	0.382	0.368	3.7	84	0.00
73	Bromobenzene	0.460	0.445	3.3	92	0.00
74	n-propylbenzene	2.151	2.110	1.9	92	0.00
75	2-Chlorotoluene	1.284	1.287	-0.2	92	0.00
76	1,3,5-Trimethylbenzene	1.544	1.549	-0.3	92	0.00
77	t-1,4-Dichloro-2-butene	0.121	0.111	8.3	90	0.00
78	4-Chlorotoluene	1.269	1.246	1.8	92	0.00
79	tert-butylbenzene	1.338	1.305	2.5	91	0.00
80	1,2,4-Trimethylbenzene	1.542	1.530	0.8	90	0.00
81	sec-Butylbenzene	1.848	1.848	0.0	92	0.00
82	p-Isopropyltoluene	1.579	1.566	0.8	92	0.00
83 M	1,3-Dichlorobenzene	0.801	0.790	1.4	93	0.00
84 M	1,4-Dichlorobenzene	0.753	0.711	5.6	89	0.00
85	n-Butylbenzene	1.296	1.236	4.6	93	0.00
86 T	Hexachloroethane	0.316	0.317	-0.3	94	0.00
87 M	1,2-Dichlorobenzene	0.784	0.773	1.4	92	0.00
88	1,2-Dibromo-3-Chloropropane	0.065	0.061	6.2	88	0.00
89	1,2,4-Trichlorobenzene	0.367	0.298	18.8	84	0.00
90	Hexachlorobutadiene	0.299	0.300	-0.3	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.689	0.477	30.8#	80	0.00
92	1,2,3-Trichlorobenzene	0.369	0.306	17.1	85	0.00

(#) = Out of Range

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