

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111318\
 Data File : VN052279.D
 Acq On : 13 Nov 2018 11:41
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 14 00:24:00 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N110118W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 02 05:39:38 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	81	0.00
2 M	Dichlorodifluoromethane	2.004	2.253	-12.4	89	0.00
3 M	Chloromethane	2.290	2.582	-12.8	88	0.00
4 M	Vinyl Chloride	2.246	2.192	2.4	74	0.00
5 M	Bromomethane	1.533	1.308	14.7	69	0.00
6 M	Chloroethane	1.436	1.209	15.8	67	0.00
7 M	Trichlorofluoromethane	3.042	3.091	-1.6	81	0.00
8 T	Diethyl Ether	1.027	1.058	-3.0	81	0.00
9	1,1,2-Trichlorotrifluoroeth	1.778	1.885	-6.0	86	0.00
10 M	1,1-Dichloroethene	1.659	1.711	-3.1	85	0.00
11	Methyl Iodide	2.399	2.316	3.5	82	0.00
12	Methyl Acetate	1.396	1.742	-24.8	100	0.00
13 M	Acrolein	0.148	0.143	3.4	79	0.00
14 M	Acrylonitrile	0.619	0.696	-12.4	88	0.00
15 M	Acetone	0.146	0.246	-68.5#	129	0.00
16 M	Carbon Disulfide	4.899	4.677	4.5	80	0.00
17	Allyl chloride	2.817	3.143	-11.6	91	0.00
18 M	Methylene Chloride	2.048	2.004	2.1	79	0.00
19 M	trans-1,2-Dichloroethene	1.818	1.821	-0.2	81	0.00
20 T	Diisopropyl ether	6.121	7.161	-17.0	93	0.00
21 M	1,1-Dichloroethane	3.577	3.776	-5.6	83	0.00
22 M	cis-1,2-Dichloroethene	2.123	2.100	1.1	79	0.00
23 M	tert-Butyl Alcohol	0.096	0.125	-30.2#	89	0.00
24 M	Methyl tert-Butyl Ether	4.703	4.779	-1.6	80	0.00
25 M	Chloroform	3.592	3.560	0.9	78	0.00
26	Cyclohexane	3.207	3.433	-7.0	88	0.00
27 s	1,2-Dichloroethane-d4	2.227	2.280	-2.4	78	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.00
29	1,1-Dichloropropene	0.476	0.499	-4.8	81	0.00
30 M	2-Butanone	0.127	0.186	-46.5#	109	0.00
31	2,2-Dichloropropane	0.491	0.497	-1.2	80	0.00
32 M	1,1,1-Trichloroethane	0.533	0.536	-0.6	80	0.00
33 M	Carbon Tetrachloride	0.474	0.458	3.4	78	0.00
34 M	Benzene	1.395	1.442	-3.4	81	0.00
35	Methacrylonitrile	0.174	0.233	-33.9#	97	0.00
36 M	1,2-Dichloroethane	0.466	0.506	-8.6	85	0.00
37 M	Trichloroethene	0.349	0.355	-1.7	84	0.00
38	Methylcyclohexane	0.581	0.578	0.5	79	0.00
39 M	1,2-Dichloropropane	0.371	0.403	-8.6	82	0.00
40	Dibromomethane	0.229	0.225	1.7	76	0.00
41 M	Bromodichloromethane	0.468	0.475	-1.5	80	0.00
42 M	Vinyl Acetate	0.743	0.871	-17.2	90	0.00
43	Ethyl Acetate	0.637	0.928	-45.7#	109	0.00
44	Isopropyl Acetate	0.528	0.634	-20.1	94	0.00
45 T	1,4-Dioxane	0.002	0.003#	-50.0#	97	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.263	0.312	-18.6	89	0.00
47	n-amyl Acetate	0.478	0.554	-15.9	93	0.00
48 M	t-1,3-Dichloropropene	0.465	0.459	1.3	79	0.00
49 T	cis-1,3-Dichloropropene	0.537	0.550	-2.4	80	0.00
50 M	1,1,2-Trichloroethane	0.303	0.313	-3.3	82	0.00
51	Ethyl methacrylate	0.391	0.412	-5.4	83	0.00
52	1,3-Dichloropropane	0.527	0.542	-2.8	81	0.00
53 M	Dibromochloromethane	0.327	0.318	2.8	79	0.00
54 M	1,2-Dibromoethane	0.307	0.301	2.0	80	0.00
55 M	2-Chloroethyl vinyl ether	0.214	0.227	-6.1	81	0.00
56 M	Bromoform	0.189	0.179	5.3	81	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
58 M	4-Methyl-2-Pentanone	0.321	0.398	-24.0	91	0.00
59 M	2-Hexanone	0.221	0.303	-37.1#	101	0.00
60 S	4-Bromofluorobenzene	0.480	0.468	2.5	74	0.00
61 M	Tetrachloroethene	0.326	0.353	-8.3	86	0.00
62 M	Toluene	1.684	1.734	-3.0	78	0.00
63 S	Toluene-d8	1.411	1.437	-1.8	77	0.00
64 M	Chlorobenzene	1.067	1.049	1.7	77	0.00
65	1,1,1,2-Tetrachloroethane	0.363	0.374	-3.0	81	0.00
66 M	Ethyl Benzene	1.819	1.888	-3.8	81	0.00
67 M	m/p-Xylenes	0.700	0.706	-0.9	79	0.00
68 M	o-Xylene	0.668	0.672	-0.6	79	0.00
69 M	Styrene	1.076	1.072	0.4	77	0.00
70	Isopropylbenzene	1.792	1.814	-1.2	80	0.00
71 M	1,1,2,2-Tetrachloroethane	0.394	0.429	-8.9	84	0.00
72	1,2,3-Trichloropropane	0.347	0.359	-3.5	77	0.00
73	Bromobenzene	0.397	0.419	-5.5	86	0.00
74	n-propylbenzene	2.087	2.158	-3.4	81	0.00
75	2-Chlorotoluene	1.203	1.252	-4.1	81	0.00
76	1,3,5-Trimethylbenzene	1.437	1.490	-3.7	81	0.00
77	t-1,4-Dichloro-2-butene	0.108	0.110	-1.9	89	0.00
78	4-Chlorotoluene	1.212	1.247	-2.9	81	0.00
79	tert-butylbenzene	1.252	1.312	-4.8	81	0.00
80	1,2,4-Trimethylbenzene	1.432	1.498	-4.6	81	0.00
81	sec-Butylbenzene	1.723	1.802	-4.6	82	0.00
82	p-Isopropyltoluene	1.456	1.534	-5.4	84	0.00
83 M	1,3-Dichlorobenzene	0.703	0.738	-5.0	85	0.00
84 M	1,4-Dichlorobenzene	0.695	0.719	-3.5	86	0.00
85	n-Butylbenzene	1.260	1.330	-5.6	85	0.00
86 T	Hexachloroethane	0.246	0.253	-2.8	84	0.00
87 M	1,2-Dichlorobenzene	0.667	0.715	-7.2	86	0.00
88	1,2-Dibromo-3-Chloropropane	0.054	0.061	-13.0	84	0.00
89	1,2,4-Trichlorobenzene	0.271	0.302	-11.4	91	0.00
90	Hexachlorobutadiene	0.148	0.181	-22.3	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.625	0.697	-11.5	90	0.00
92	1,2,3-Trichlorobenzene	0.236	0.277	-17.4	98	0.00

(#) = Out of Range

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