

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121218\
 Data File : VN052822.D
 Acq On : 12 Dec 2018 12:56
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 13 04:02:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 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	1.709	1.606	6.0	79	0.00
3 M	Chloromethane	2.266	2.102	7.2	80	0.00
4 M	Vinyl Chloride	2.287	2.172	5.0	82	0.00
5 M	Bromomethane	1.304	1.321	-1.3	88	0.00
6 M	Chloroethane	1.360	1.323	2.7	83	0.00
7 M	Trichlorofluoromethane	2.823	2.853	-1.1	88	0.00
8 T	Diethyl Ether	1.042	1.109	-6.4	94	0.00
9	1,1,2-Trichlorotrifluoroeth	1.789	1.802	-0.7	84	0.00
10 M	1,1-Dichloroethene	1.682	1.713	-1.8	89	0.00
11	Methyl Iodide	2.336	2.251	3.6	86	0.00
12	Methyl Acetate	1.429	1.524	-6.6	92	0.00
13 M	Acrolein	0.168	0.112	33.3#	62	0.00
14 M	Acrylonitrile	0.609	0.654	-7.4	90	0.00
15 M	Acetone	0.158	0.153	3.2	77	0.00
16 M	Carbon Disulfide	5.326	4.777	10.3	78	0.00
17	Allyl chloride	2.934	2.699	8.0	79	0.00
18 M	Methylene Chloride	1.948	2.009	-3.1	90	0.00
19 M	trans-1,2-Dichloroethene	1.810	1.864	-3.0	90	0.00
20 T	Diisopropyl ether	6.166	6.258	-1.5	87	0.00
21 M	1,1-Dichloroethane	3.514	3.556	-1.2	88	0.00
22 M	cis-1,2-Dichloroethene	2.075	2.180	-5.1	91	0.00
23 M	tert-Butyl Alcohol	0.091	0.113	-24.2	105	0.00
24 M	Methyl tert-Butyl Ether	4.413	4.826	-9.4	94	0.00
25 M	Chloroform	3.390	3.527	-4.0	90	0.00
26	Cyclohexane	3.314	3.127	5.6	81	0.00
27 s	1,2-Dichloroethane-d4	2.044	2.018	1.3	85	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	87	0.00
29	1,1-Dichloropropene	0.458	0.461	-0.7	87	0.00
30 M	2-Butanone	0.123	0.127	-3.3	88	0.00
31	2,2-Dichloropropane	0.422	0.443	-5.0	93	0.00
32 M	1,1,1-Trichloroethane	0.477	0.494	-3.6	91	0.00
33 M	Carbon Tetrachloride	0.417	0.428	-2.6	90	0.00
34 M	Benzene	1.377	1.398	-1.5	88	0.00
35	Methacrylonitrile	0.152	0.148	2.6	83	0.00
36 M	1,2-Dichloroethane	0.417	0.430	-3.1	90	0.00
37 M	Trichloroethene	0.349	0.373	-6.9	94	0.00
38	Methylcyclohexane	0.567	0.543	4.2	82	0.00
39 M	1,2-Dichloropropane	0.369	0.375	-1.6	89	0.00
40	Dibromomethane	0.200	0.214	-7.0	93	0.00
41 M	Bromodichloromethane	0.441	0.451	-2.3	91	0.00
42 M	Vinyl Acetate	0.663	0.648	2.3	86	0.00
43	Ethyl Acetate	0.261	0.289	-10.7	93	0.00
44	Isopropyl Acetate	0.457	0.529	-15.8	103	0.00
45 T	1,4-Dioxane	0.003	0.003#	0.0	101	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.237	0.255	-7.6	95	0.00
47	n-amyl Acetate	0.379	0.428	-12.9	104	0.00
48 M	t-1,3-Dichloropropene	0.427	0.445	-4.2	96	0.00
49 T	cis-1,3-Dichloropropene	0.521	0.533	-2.3	91	0.00
50 M	1,1,2-Trichloroethane	0.283	0.308	-8.8	93	0.00
51	Ethyl methacrylate	0.355	0.395	-11.3	101	0.00
52	1,3-Dichloropropane	0.503	0.532	-5.8	91	0.00
53 M	Dibromochloromethane	0.311	0.333	-7.1	94	0.00
54 M	1,2-Dibromoethane	0.276	0.301	-9.1	95	0.00
55 M	2-Chloroethyl vinyl ether	0.208	0.222	-6.7	92	0.00
56 M	Bromoform	0.204	0.222	-8.8	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	0.291	0.326	-12.0	95	0.00
59 M	2-Hexanone	0.199	0.219	-10.1	92	0.00
60 S	4-Bromofluorobenzene	0.459	0.461	-0.4	88	0.00
61 M	Tetrachloroethene	0.369	0.447	-21.1	103	0.00
62 M	Toluene	1.654	1.702	-2.9	89	0.00
63 S	Toluene-d8	1.391	1.357	2.4	84	0.00
64 M	Chlorobenzene	1.009	1.061	-5.2	92	0.00
65	1,1,1,2-Tetrachloroethane	0.350	0.381	-8.9	96	0.00
66 M	Ethyl Benzene	1.782	1.833	-2.9	89	0.00
67 M	m/p-Xylenes	0.664	0.698	-5.1	90	0.00
68 M	o-Xylene	0.645	0.677	-5.0	91	0.00
69 M	Styrene	1.040	1.101	-5.9	92	0.00
70	Isopropylbenzene	1.715	1.816	-5.9	92	0.00
71 M	1,1,2,2-Tetrachloroethane	0.373	0.399	-7.0	91	0.00
72	1,2,3-Trichloropropane	0.320	0.353	-10.3	101	0.00
73	Bromobenzene	0.415	0.457	-10.1	97	0.00
74	n-propylbenzene	1.998	2.070	-3.6	89	0.00
75	2-Chlorotoluene	1.160	1.226	-5.7	91	0.00
76	1,3,5-Trimethylbenzene	1.385	1.473	-6.4	91	0.00
77	t-1,4-Dichloro-2-butene	0.101	0.106	-5.0	97	0.00
78	4-Chlorotoluene	1.158	1.233	-6.5	92	0.00
79	tert-butylbenzene	1.206	1.287	-6.7	91	0.00
80	1,2,4-Trimethylbenzene	1.386	1.478	-6.6	91	0.00
81	sec-Butylbenzene	1.680	1.748	-4.0	89	0.00
82	p-Isopropyltoluene	1.431	1.498	-4.7	91	0.00
83 M	1,3-Dichlorobenzene	0.729	0.796	-9.2	95	0.00
84 M	1,4-Dichlorobenzene	0.705	0.769	-9.1	95	0.00
85	n-Butylbenzene	1.229	1.223	0.5	87	0.00
86 T	Hexachloroethane	0.242	0.245	-1.2	89	0.00
87 M	1,2-Dichlorobenzene	0.694	0.785	-13.1	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.052	0.061	-17.3	104	0.00
89	1,2,4-Trichlorobenzene	0.342	0.417	-21.9	110	0.00
90	Hexachlorobutadiene	0.224	0.244	-8.9	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.691	0.887	-28.4	116	0.00
92	1,2,3-Trichlorobenzene	0.315	0.392	-24.4	111	0.00

(#) = Out of Range

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