

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN071819\
 Data File : VN056801.D
 Acq On : 18 Jul 2019 9:22
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Jul 19 05:39:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N071319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Jul 12 23:58:13 2019
 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	92	0.00
2 M	Dichlorodifluoromethane	1.705	1.846	-8.3	96	0.00
3 M	Chloromethane	2.280	2.386	-4.6	94	0.00
4 M	Vinyl Chloride	2.242	2.322	-3.6	93	0.00
5 M	Bromomethane	1.413	1.397	1.1	92	0.00
6 M	Chloroethane	1.281	1.302	-1.6	93	0.00
7 M	Trichlorofluoromethane	2.876	3.037	-5.6	95	0.00
8 T	Diethyl Ether	1.176	1.167	0.8	92	0.00
9	1,1,2-Trichlorotrifluoroeth	1.793	1.900	-6.0	95	0.00
10 M	1,1-Dichloroethene	1.769	1.801	-1.8	94	0.00
11	Methyl Iodide	2.351	2.192	6.8	89	0.00
12	Methyl Acetate	2.368	2.135	9.8	91	0.00
13 M	Acrolein	0.167	0.162	3.0	100	0.00
14 M	Acrylonitrile	1.043	1.002	3.9	91	0.00
15 M	Acetone	0.360	0.398	-10.6	87	0.00
16 M	Carbon Disulfide	4.667	4.626	0.9	95	0.00
17	Allyl chloride	3.095	3.049	1.5	94	0.00
18 M	Methylene Chloride	2.077	2.100	-1.1	94	0.00
19 M	trans-1,2-Dichloroethene	1.894	1.925	-1.6	93	0.00
20 T	Diisopropyl ether	6.167	6.297	-2.1	94	0.00
21 M	1,1-Dichloroethane	3.524	3.587	-1.8	94	0.00
22 M	cis-1,2-Dichloroethene	2.215	2.213	0.1	93	0.00
23 M	tert-Butyl Alcohol	0.364	0.352	3.3	92	0.00
24 M	Methyl tert-Butyl Ether	5.644	5.661	-0.3	94	0.00
25 M	Chloroform	3.433	3.524	-2.7	94	0.00
26	Cyclohexane	3.275	3.362	-2.7	94	0.00
27 s	1,2-Dichloroethane-d4	2.032	1.953	3.9	90	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
29	1,1-Dichloropropene	0.477	0.487	-2.1	94	0.00
30 M	2-Butanone	0.276	0.269	2.5	85	0.00
31	2,2-Dichloropropane	0.462	0.484	-4.8	98	0.00
32 M	1,1,1-Trichloroethane	0.508	0.526	-3.5	96	0.00
33 M	Carbon Tetrachloride	0.437	0.453	-3.7	96	0.00
34 M	Benzene	1.465	1.509	-3.0	94	0.00
35	Methacrylonitrile	0.211	0.209	0.9	104	0.00
36 M	1,2-Dichloroethane	0.471	0.477	-1.3	93	0.00
37 M	Trichloroethene	0.398	0.405	-1.8	93	0.00
38	Methylcyclohexane	0.602	0.633	-5.1	96	0.00
39 M	1,2-Dichloropropane	0.393	0.398	-1.3	93	0.00
40	Dibromomethane	0.251	0.254	-1.2	94	0.00
41 M	Bromodichloromethane	0.462	0.474	-2.6	96	0.00
42 M	Vinyl Acetate	0.919	0.929	-1.1	93	0.00
43	Ethyl Acetate	0.499	0.478	4.2	88	0.00
44	Isopropyl Acetate	0.778	0.754	3.1	92	0.00
45 T	1,4-Dioxane	0.008	0.008#	0.0	88	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.374	0.362	3.2	91	0.00
47	n-amyl Acetate	0.636	0.589	7.4	91	0.00
48 M	t-1,3-Dichloropropene	0.508	0.504	0.8	96	0.00
49 T	cis-1,3-Dichloropropene	0.573	0.575	-0.3	95	0.00
50 M	1,1,2-Trichloroethane	0.365	0.367	-0.5	94	0.00
51	Ethyl methacrylate	0.561	0.545	2.9	92	0.00
52	1,3-Dichloropropane	0.611	0.621	-1.6	92	0.00
53 M	Dibromochloromethane	0.369	0.376	-1.9	98	0.00
54 M	1,2-Dibromoethane	0.379	0.388	-2.4	96	0.00
55 M	2-Chloroethyl vinyl ether	0.271	0.248	8.5	86	0.00
56 M	Bromoform	0.273	0.269	1.5	97	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	0.565	0.559	1.1	91	0.00
59 M	2-Hexanone	0.429	0.421	1.9	87	0.00
60 S	4-Bromofluorobenzene	0.459	0.454	1.1	92	0.00
61 M	Tetrachloroethene	0.431	0.464	-7.7	96	0.00
62 M	Toluene	1.762	1.839	-4.4	94	0.00
63 S	Toluene-d8	1.371	1.400	-2.1	92	0.00
64 M	Chlorobenzene	1.075	1.114	-3.6	95	0.00
65	1,1,1,2-Tetrachloroethane	0.394	0.409	-3.8	95	0.00
66 M	Ethyl Benzene	1.905	1.952	-2.5	93	0.00
67 M	m/p-Xylenes	0.719	0.742	-3.2	93	0.00
68 M	o-Xylene	0.701	0.726	-3.6	96	0.00
69 M	Styrene	1.162	1.176	-1.2	94	0.00
70	Isopropylbenzene	1.838	1.895	-3.1	93	0.00
71 M	1,1,2,2-Tetrachloroethane	0.596	0.585	1.8	90	0.00
72	1,2,3-Trichloropropane	0.510	0.519	-1.8	93	0.00
73	Bromobenzene	0.480	0.487	-1.5	94	0.00
74	n-propylbenzene	2.073	2.130	-2.7	93	0.00
75	2-Chlorotoluene	1.249	1.289	-3.2	93	0.00
76	1,3,5-Trimethylbenzene	1.567	1.635	-4.3	93	0.00
77	t-1,4-Dichloro-2-butene	0.169	0.158	6.5	94	0.00
78	4-Chlorotoluene	1.211	1.214	-0.2	92	0.00
79	tert-butylbenzene	1.333	1.379	-3.5	94	0.00
80	1,2,4-Trimethylbenzene	1.555	1.601	-3.0	93	0.00
81	sec-Butylbenzene	1.765	1.802	-2.1	92	0.00
82	p-Isopropyltoluene	1.605	1.660	-3.4	93	0.00
83 M	1,3-Dichlorobenzene	0.800	0.789	1.4	92	0.00
84 M	1,4-Dichlorobenzene	0.767	0.744	3.0	91	0.00
85	n-Butylbenzene	1.324	1.295	2.2	91	0.00
86 T	Hexachloroethane	0.252	0.263	-4.4	98	0.00
87 M	1,2-Dichlorobenzene	0.804	0.811	-0.9	94	0.00
88	1,2-Dibromo-3-Chloropropane	0.103	0.099	3.9	94	0.00
89	1,2,4-Trichlorobenzene	0.433	0.365	15.7	88	0.00
90	Hexachlorobutadiene	0.281	0.300	-6.8	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.164	0.900	22.7	86	0.00
92	1,2,3-Trichlorobenzene	0.454	0.395	13.0	89	0.00

(#) = Out of Range

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