

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090319\
 Data File : VN057674.D
 Acq On : 3 Sep 2019 20:05
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 04 03:25:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 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	106	0.00
2 M	Dichlorodifluoromethane	2.161	2.138	1.1	110	0.00
3 M	Chloromethane	2.279	2.147	5.8	101	0.00
4 M	Vinyl Chloride	1.864	1.754	5.9	101	0.00
5 M	Bromomethane	1.192	1.179	1.1	102	-0.01
6 M	Chloroethane	1.361	1.306	4.0	100	0.00
7 M	Trichlorofluoromethane	3.570	3.373	5.5	105	0.00
8 T	Diethyl Ether	1.174	1.130	3.7	102	0.00
9	1,1,2-Trichlorotrifluoroeth	1.855	1.756	5.3	103	0.00
10 M	1,1-Dichloroethene	1.692	1.623	4.1	104	0.00
11	Methyl Iodide	2.344	2.172	7.3	106	0.00
12	Methyl Acetate	2.527	2.433	3.7	104	0.00
13 M	Acrolein	0.143	0.127	11.2	92	0.00
14 M	Acrylonitrile	0.920	0.866	5.9	103	0.00
15 M	Acetone	0.258	0.215	16.7	94	0.00
16 M	Carbon Disulfide	4.252	3.819	10.2	103	0.00
17	Allyl chloride	3.615	3.493	3.4	113	0.00
18 M	Methylene Chloride	2.121	2.020	4.8	106	0.00
19 M	trans-1,2-Dichloroethene	1.790	1.692	5.5	103	0.00
20 T	Diisopropyl ether	7.789	7.486	3.9	102	0.00
21 M	1,1-Dichloroethane	4.015	3.799	5.4	101	0.00
22 M	cis-1,2-Dichloroethene	2.187	2.034	7.0	99	0.00
23 M	tert-Butyl Alcohol	0.334	0.325	2.7	111	0.00
24 M	Methyl tert-Butyl Ether	6.725	6.404	4.8	103	0.00
25 M	Chloroform	4.162	3.972	4.6	102	0.00
26	Cyclohexane	3.419	3.180	7.0	100	0.00
27 s	1,2-Dichloroethane-d4	3.189	3.198	-0.3	104	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
29	1,1-Dichloropropene	0.479	0.459	4.2	101	0.00
30 M	2-Butanone	0.226	0.209	7.5	100	0.00
31	2,2-Dichloropropane	0.593	0.515	13.2	96	0.00
32 M	1,1,1-Trichloroethane	0.593	0.556	6.2	103	0.00
33 M	Carbon Tetrachloride	0.482	0.443	8.1	103	0.00
34 M	Benzene	1.376	1.306	5.1	101	0.00
35	Methacrylonitrile	0.207	0.182	12.1	105	0.00
36 M	1,2-Dichloroethane	0.613	0.589	3.9	105	0.00
37 M	Trichloroethene	0.327	0.316	3.4	104	0.00
38	Methylcyclohexane	0.532	0.493	7.3	101	0.00
39 M	1,2-Dichloropropane	0.376	0.362	3.7	102	0.00
40	Dibromomethane	0.244	0.231	5.3	103	0.00
41 M	Bromodichloromethane	0.527	0.497	5.7	105	0.00
42 M	Vinyl Acetate	0.995	0.997	-0.2	102	0.00
43	Ethyl Acetate	0.466	0.431	7.5	105	0.00
44	Isopropyl Acetate	0.871	0.822	5.6	102	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	99	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.423	0.421	0.5	111	0.00
47	n-amyl Acetate	0.676	0.598	11.5	107	0.00
48 M	t-1,3-Dichloropropene	0.553	0.490	11.4	99	0.00
49 T	cis-1,3-Dichloropropene	0.590	0.540	8.5	101	0.00
50 M	1,1,2-Trichloroethane	0.329	0.318	3.3	104	0.00
51	Ethyl methacrylate	0.536	0.496	7.5	105	0.00
52	1,3-Dichloropropane	0.586	0.565	3.6	104	0.00
53 M	Dibromochloromethane	0.343	0.304	11.4	104	0.00
54 M	1,2-Dibromoethane	0.329	0.312	5.2	105	0.00
55 M	2-Chloroethyl vinyl ether	0.169	0.147	13.0	106	0.00
56 M	Bromoform	0.213	0.173	18.8	100	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
58 M	4-Methyl-2-Pentanone	0.530	0.545	-2.8	104	0.00
59 M	2-Hexanone	0.375	0.355	5.3	105	0.00
60 S	4-Bromofluorobenzene	0.513	0.478	6.8	105	0.00
61 M	Tetrachloroethene	0.344	0.344	0.0	101	0.00
62 M	Toluene	1.684	1.659	1.5	104	0.00
63 S	Toluene-d8	1.445	1.479	-2.4	104	0.00
64 M	Chlorobenzene	0.989	0.930	6.0	104	0.00
65	1,1,1,2-Tetrachloroethane	0.362	0.344	5.0	106	0.00
66 M	Ethyl Benzene	1.883	1.834	2.6	103	0.00
67 M	m/p-Xylenes	0.660	0.620	6.1	103	0.00
68 M	o-Xylene	0.658	0.608	7.6	102	0.00
69 M	Styrene	1.054	0.971	7.9	106	0.00
70	Isopropylbenzene	1.803	1.735	3.8	103	0.00
71 M	1,1,2,2-Tetrachloroethane	0.475	0.453	4.6	102	0.00
72	1,2,3-Trichloropropane	0.446	0.423	5.2	107	0.00
73	Bromobenzene	0.382	0.346	9.4	106	0.00
74	n-propylbenzene	1.996	1.880	5.8	107	0.00
75	2-Chlorotoluene	1.250	1.139	8.9	104	0.00
76	1,3,5-Trimethylbenzene	1.497	1.401	6.4	107	0.00
77	t-1,4-Dichloro-2-butene	0.136	0.109	19.9	103	0.00
78	4-Chlorotoluene	1.188	1.036	12.8	106	0.00
79	tert-butylbenzene	1.286	1.203	6.5	106	0.00
80	1,2,4-Trimethylbenzene	1.407	1.336	5.0	108	0.00
81	sec-Butylbenzene	1.657	1.553	6.3	107	0.00
82	p-Isopropyltoluene	1.407	1.304	7.3	109	0.00
83 M	1,3-Dichlorobenzene	0.572	0.497	13.1	109	0.00
84 M	1,4-Dichlorobenzene	0.540	0.443	18.0	106	0.00
85	n-Butylbenzene	1.237	1.158	6.4	108	0.00
86 T	Hexachloroethane	0.255	0.223	12.5	103	0.00
87 M	1,2-Dichlorobenzene	0.528	0.452	14.4	105	0.00
88	1,2-Dibromo-3-Chloropropane	0.070	0.051	27.1	112	0.00
89	1,2,4-Trichlorobenzene	0.183	0.108	41.0#	123	0.00
90	Hexachlorobutadiene	0.203	0.195	3.9	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.475	0.271	42.9#	126	0.00
92	1,2,3-Trichlorobenzene	0.178	0.110	38.2#	127	0.00

(#) = Out of Range

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