

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN100920\
 Data File : VN064032.D
 Acq On : 9 Oct 2020 12:14
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 10 01:40:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 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	108	0.00
2 M	Dichlorodifluoromethane	2.031	2.014	0.8	94	0.00
3 M	Chloromethane	2.101	2.103	-0.1	99	0.00
4 M	Vinyl Chloride	2.090	1.981	5.2	94	0.00
5 M	Bromomethane	1.345	1.210	10.0	91	0.02
6 M	Chloroethane	1.311	1.192	9.1	91	0.00
7 M	Trichlorofluoromethane	3.300	3.011	8.8	92	0.00
8 T	Diethyl Ether	1.068	1.035	3.1	100	0.00
9	1,1,2-Trichlorotrifluoroeth	1.715	1.574	8.2	91	0.00
10 M	1,1-Dichloroethene	1.610	1.448	10.1	92	0.00
11	Methyl Iodide	2.054	1.729	15.8	86	0.00
12	Methyl Acetate	1.981	1.902	4.0	97	0.00
13 M	Acrolein	0.193	0.067	65.3#	44	0.00
14 M	Acrylonitrile	0.815	0.747	8.3	96	0.00
15 M	Acetone	0.236	0.321	-36.0#	138	0.00
16 M	Carbon Disulfide	4.774	4.440	7.0	95	0.00
17	Allyl chloride	2.996	3.088	-3.1	99	0.00
18 M	Methylene Chloride	1.930	1.797	6.9	93	0.00
19 M	trans-1,2-Dichloroethene	1.818	1.655	9.0	96	0.00
20 T	Diisopropyl ether	6.023	5.832	3.2	99	0.00
21 M	1,1-Dichloroethane	3.646	3.332	8.6	91	0.00
22 M	cis-1,2-Dichloroethene	2.064	1.856	10.1	95	0.00
23 M	tert-Butyl Alcohol	0.349	0.309	11.5	91	-0.02
24 M	Methyl tert-Butyl Ether	5.401	4.974	7.9	93	0.00
25 M	Chloroform	3.823	3.454	9.7	91	0.00
26	Cyclohexane	2.626	2.440	7.1	98	0.00
27 s	1,2-Dichloroethane-d4	2.694	2.586	4.0	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
29	1,1-Dichloropropene	0.525	0.475	9.5	93	0.00
30 M	2-Butanone	0.258	0.278	-7.8	113	0.00
31	2,2-Dichloropropane	0.628	0.565	10.0	91	0.00
32 M	1,1,1-Trichloroethane	0.670	0.581	13.3	88	0.00
33 M	Carbon Tetrachloride	0.587	0.492	16.2	86	0.00
34 M	Benzene	1.494	1.330	11.0	91	0.00
35	Methacrylonitrile	0.245	0.226	7.8	103	0.00
36 M	1,2-Dichloroethane	0.656	0.565	13.9	88	0.00
37 M	Trichloroethene	0.391	0.336	14.1	91	0.00
38	Methylcyclohexane	0.444	0.408	8.1	97	0.00
39 M	1,2-Dichloropropane	0.406	0.373	8.1	93	0.00
40	Dibromomethane	0.283	0.243	14.1	86	0.00
41 M	Bromodichloromethane	0.589	0.506	14.1	89	0.00
42 M	Vinyl Acetate	1.069	0.992	7.2	96	0.00
43	Ethyl Acetate	0.552	0.458	17.0	89	0.00
44	Isopropyl Acetate	0.915	0.831	9.2	94	0.00
45 T	1,4-Dioxane	0.006	0.005#	16.7	90	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.455	0.399	12.3	90	0.00
47	n-amyl Acetate	0.813	0.686	15.6	93	0.00
48 M	t-1,3-Dichloropropene	0.637	0.550	13.7	90	0.00
49 T	cis-1,3-Dichloropropene	0.660	0.590	10.6	95	0.00
50 M	1,1,2-Trichloroethane	0.379	0.333	12.1	92	0.00
51	Ethyl methacrylate	0.549	0.467	14.9	91	0.00
52	1,3-Dichloropropane	0.648	0.567	12.5	92	0.00
53 M	Dibromochloromethane	0.436	0.383	12.2	90	0.00
54 M	1,2-Dibromoethane	0.397	0.344	13.4	89	0.00
55 M	2-Chloroethyl vinyl ether	0.293	0.237	19.1	91	0.00
56 M	Bromoform	0.302	0.253	16.2	91	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	108	0.00
58 M	4-Methyl-2-Pentanone	0.582	0.529	9.1	91	0.00
59 M	2-Hexanone	0.434	0.420	3.2	100	0.00
60 S	4-Bromofluorobenzene	0.513	0.497	3.1	108	0.00
61 M	Tetrachloroethene	0.381	0.323	15.2	84	0.00
62 M	Toluene	1.723	1.546	10.3	92	0.00
63 S	Toluene-d8	1.360	1.377	-1.2	109	0.00
64 M	Chlorobenzene	1.044	0.917	12.2	91	0.00
65	1,1,1,2-Tetrachloroethane	0.408	0.367	10.0	92	0.00
66 M	Ethyl Benzene	1.892	1.680	11.2	92	0.00
67 M	m/p-Xylenes	0.704	0.619	12.1	91	0.00
68 M	o-Xylene	0.670	0.589	12.1	93	0.00
69 M	Styrene	1.144	0.990	13.5	91	0.00
70	Isopropylbenzene	1.781	1.572	11.7	92	0.00
71 M	1,1,2,2-Tetrachloroethane	0.563	0.493	12.4	91	0.00
72	1,2,3-Trichloropropane	0.574	0.487	15.2	85	0.00
73	Bromobenzene	0.451	0.384	14.9	91	0.00
74	n-propylbenzene	2.082	1.824	12.4	92	0.00
75	2-Chlorotoluene	1.270	1.125	11.4	93	0.00
76	1,3,5-Trimethylbenzene	1.502	1.322	12.0	93	0.00
77	t-1,4-Dichloro-2-butene	0.204	0.176	13.7	94	0.00
78	4-Chlorotoluene	1.345	1.175	12.6	91	0.00
79	tert-butylbenzene	1.203	1.058	12.1	94	0.00
80	1,2,4-Trimethylbenzene	1.506	1.330	11.7	92	0.00
81	sec-Butylbenzene	1.582	1.427	9.8	95	0.00
82	p-Isopropyltoluene	1.430	1.264	11.6	95	0.00
83 M	1,3-Dichlorobenzene	0.803	0.677	15.7	90	0.00
84 M	1,4-Dichlorobenzene	0.798	0.668	16.3	90	0.00
85	n-Butylbenzene	1.251	1.074	14.1	93	0.00
86 T	Hexachloroethane	0.246	0.219	11.0	96	0.00
87 M	1,2-Dichlorobenzene	0.788	0.666	15.5	89	0.00
88	1,2-Dibromo-3-Chloropropane	0.135	0.106	21.5	82	0.00
89	1,2,4-Trichlorobenzene	0.400	0.313	21.8	85	0.00
90	Hexachlorobutadiene	0.212	0.188	11.3	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	1.225	0.945	22.9	82	0.00
92	1,2,3-Trichlorobenzene	0.390	0.316	19.0	86	0.00

(#) = Out of Range

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