

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083715.D
 Acq On : 09 Sep 2024 14:06
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 10 01:20:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 06 23:42:47 2024
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	93	0.00
2 M	Dichlorodifluoromethane	2.009	2.044	-1.7	95	0.00
3 M	Chloromethane	2.087	2.109	-1.1	95	0.00
4 M	Vinyl Chloride	2.146	2.100	2.1	93	0.00
5 M	Bromomethane	1.199	1.200	-0.1	93	0.00
6 M	Chloroethane	1.437	1.536	-6.9	103	0.00
7 M	Trichlorofluoromethane	3.598	3.551	1.3	95	0.01
8 T	Diethyl Ether	1.222	1.220	0.2	95	0.00
9	1,1,2-Trichlorotrifluoroeth	1.932	1.962	-1.6	99	0.00
10 M	1,1-Dichloroethene	1.865	1.829	1.9	95	0.00
11	Methyl Iodide	2.533	2.499	1.3	95	0.00
12	Methyl Acetate	2.249	2.254	-0.2	101	0.00
13 M	Acrolein	0.328	0.410	-25.0	108	0.00
14 M	Acrylonitrile	0.910	0.916	-0.7	97	0.00
15 M	Acetone	0.302	0.249	17.5	85	0.00
16 M	Carbon Disulfide	5.269	4.876	7.5	88	0.00
17	Allyl chloride	3.270	3.231	1.2	96	0.00
18 M	Methylene Chloride	2.040	2.093	-2.6	98	0.00
19 M	trans-1,2-Dichloroethene	1.932	1.891	2.1	93	0.00
20 T	Diisopropyl ether	6.603	6.519	1.3	98	0.00
21 M	1,1-Dichloroethane	3.770	3.850	-2.1	99	0.00
22 M	cis-1,2-Dichloroethene	2.352	2.341	0.5	94	0.00
23 M	tert-Butyl Alcohol	0.334	0.345	-3.3	97	0.00
24 M	Methyl tert-Butyl Ether	6.626	6.556	1.1	94	0.00
25 M	Chloroform	3.995	4.049	-1.4	97	0.00
26	Cyclohexane	3.320	3.213	3.2	93	0.00
27 s	1,2-Dichloroethane-d4	2.742	2.763	-0.8	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29	1,1-Dichloropropene	0.476	0.475	0.2	94	0.00
30 M	2-Butanone	0.224	0.220	1.8	93	0.00
31	2,2-Dichloropropane	0.607	0.642	-5.8	101	0.00
32 M	1,1,1-Trichloroethane	0.635	0.644	-1.4	95	0.00
33 M	Carbon Tetrachloride	0.550	0.573	-4.2	99	0.00
34 M	Benzene	1.428	1.473	-3.2	95	0.00
35	Methacrylonitrile	0.252	0.260	-3.2	94	0.00
36 M	1,2-Dichloroethane	0.537	0.564	-5.0	98	0.00
37 M	Trichloroethene	0.335	0.333	0.6	95	0.00
38	Methylcyclohexane	0.570	0.572	-0.4	97	0.00
39 M	1,2-Dichloropropane	0.344	0.348	-1.2	95	0.00
40	Dibromomethane	0.251	0.258	-2.8	94	0.00
41 M	Bromodichloromethane	0.534	0.545	-2.1	97	0.00
42 M	Vinyl Acetate	0.922	0.889	3.6	98	0.00
43	Ethyl Acetate	0.451	0.457	-1.3	94	0.00
44	Isopropyl Acetate	0.781	0.819	-4.9	99	0.00
45 T	1,4-Dioxane	0.006	0.006	0.0	92	0.00
46	Methyl methacrylate	0.378	0.385	-1.9	98	0.00
47	n-amyl Acetate	0.692	0.709	-2.5	98	0.00
48 M	t-1,3-Dichloropropene	0.562	0.544	3.2	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.584	0.593	-1.5	98	0.00
50 M	1,1,2-Trichloroethane	0.320	0.341	-6.6	100	0.00
51	Ethyl methacrylate	0.546	0.542	0.7	91	0.00
52	1,3-Dichloropropane	0.577	0.599	-3.8	97	0.00
53 M	Dibromochloromethane	0.383	0.385	-0.5	97	0.00
54 M	1,2-Dibromoethane	0.331	0.335	-1.2	96	0.00
55 M	2-Chloroethyl vinyl ether	0.218	0.194	11.0	75	0.00
56 M	Bromoform	0.244	0.233	4.5	92	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
58 M	4-Methyl-2-Pentanone	0.476	0.499	-4.8	99	0.00
59 M	2-Hexanone	0.359	0.364	-1.4	97	0.00
60 S	4-Bromofluorobenzene	0.517	0.514	0.6	93	0.00
61 M	Tetrachloroethene	0.317	0.307	3.2	96	0.00
62 M	Toluene	1.724	1.713	0.6	95	0.00
63 S	Toluene-d8	1.389	1.378	0.8	90	0.00
64 M	Chlorobenzene	1.068	1.030	3.6	92	0.00
65	1,1,1,2-Tetrachloroethane	0.372	0.377	-1.3	98	0.00
66 M	Ethyl Benzene	1.961	1.877	4.3	94	0.00
67 M	m/p-Xylenes	0.721	0.699	3.1	94	0.00
68 M	o-Xylene	0.698	0.693	0.7	94	0.00
69 M	Styrene	1.180	1.141	3.3	94	0.00
70	Isopropylbenzene	1.843	1.806	2.0	96	0.00
71 M	1,1,2,2-Tetrachloroethane	0.503	0.510	-1.4	95	0.00
72	1,2,3-Trichloropropane	0.441	0.466	-5.7	100	0.00
73	Bromobenzene	0.423	0.416	1.7	95	0.00
74	n-propylbenzene	2.157	2.046	5.1	93	0.00
75	2-Chlorotoluene	1.346	1.315	2.3	95	0.00
76	1,3,5-Trimethylbenzene	1.539	1.508	2.0	94	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.180	3.7	96	0.00
78	4-Chlorotoluene	1.365	1.286	5.8	92	0.00
79	tert-butylbenzene	1.346	1.327	1.4	94	0.00
80	1,2,4-Trimethylbenzene	1.555	1.535	1.3	96	0.00
81	sec-Butylbenzene	1.839	1.790	2.7	97	0.00
82	p-Isopropyltoluene	1.547	1.482	4.2	96	0.00
83 M	1,3-Dichlorobenzene	0.815	0.765	6.1	92	0.00
84 M	1,4-Dichlorobenzene	0.814	0.733	10.0	88	0.00
85	n-Butylbenzene	1.365	1.231	9.8	92	0.00
86 T	Hexachloroethane	0.293	0.288	1.7	98	0.00
87 M	1,2-Dichlorobenzene	0.791	0.751	5.1	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.111	0.113	-1.8	98	0.00
89	1,2,4-Trichlorobenzene	0.433	0.356	17.8	81	0.00
90	Hexachlorobutadiene	0.179	0.165	7.8	93	0.00
91 M	Naphthalene	1.416	1.204	15.0	84	0.00
92	1,2,3-Trichlorobenzene	0.433	0.356	17.8	81	0.00

(#) = Out of Range

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