

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091324\
 Data File : VN083869.D
 Acq On : 13 Sep 2024 14:23
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 13 23:50:04 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	87	0.00
2 M	Dichlorodifluoromethane	2.009	1.988	1.0	88	0.00
3 M	Chloromethane	2.087	2.063	1.1	88	0.00
4 M	Vinyl Chloride	2.146	2.069	3.6	86	0.00
5 M	Bromomethane	1.199	1.324	-10.4	97	0.06
6 M	Chloroethane	1.437	1.469	-2.2	93	0.04
7 M	Trichlorofluoromethane	3.598	3.515	2.3	89	0.04
8 T	Diethyl Ether	1.222	1.153	5.6	85	0.01
9	1,1,2-Trichlorotrifluoroeth	1.932	1.852	4.1	88	0.02
10 M	1,1-Dichloroethene	1.865	1.776	4.8	87	0.02
11	Methyl Iodide	2.533	2.472	2.4	89	0.01
12	Methyl Acetate	2.249	2.245	0.2	95	0.00
13 M	Acrolein	0.328	0.295	10.1	74	0.00
14 M	Acrylonitrile	0.910	0.916	-0.7	92	0.01
15 M	Acetone	0.302	0.249	17.5	80	0.00
16 M	Carbon Disulfide	5.269	4.732	10.2	81	0.00
17	Allyl chloride	3.270	2.810	14.1	79	0.01
18 M	Methylene Chloride	2.040	2.079	-1.9	92	0.01
19 M	trans-1,2-Dichloroethene	1.932	1.784	7.7	83	0.01
20 T	Diisopropyl ether	6.603	6.350	3.8	90	0.00
21 M	1,1-Dichloroethane	3.770	3.752	0.5	91	0.00
22 M	cis-1,2-Dichloroethene	2.352	2.236	4.9	85	0.00
23 M	tert-Butyl Alcohol	0.334	0.398	-19.2	106	-0.01
24 M	Methyl tert-Butyl Ether	6.626	6.346	4.2	86	0.00
25 M	Chloroform	3.995	3.920	1.9	88	0.00
26	Cyclohexane	3.320	3.005	9.5	83	0.00
27 s	1,2-Dichloroethane-d4	2.742	2.862	-4.4	90	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
29	1,1-Dichloropropene	0.476	0.466	2.1	88	0.01
30 M	2-Butanone	0.224	0.231	-3.1	93	0.00
31	2,2-Dichloropropane	0.607	0.526	13.3	78	0.00
32 M	1,1,1-Trichloroethane	0.635	0.621	2.2	87	0.00
33 M	Carbon Tetrachloride	0.550	0.534	2.9	88	0.00
34 M	Benzene	1.428	1.434	-0.4	88	0.00
35	Methacrylonitrile	0.252	0.267	-6.0	92	0.00
36 M	1,2-Dichloroethane	0.537	0.570	-6.1	94	0.00
37 M	Trichloroethene	0.335	0.330	1.5	90	0.00
38	Methylcyclohexane	0.570	0.498	12.6	80	0.00
39 M	1,2-Dichloropropane	0.344	0.345	-0.3	90	0.00
40	Dibromomethane	0.251	0.248	1.2	85	0.00
41 M	Bromodichloromethane	0.534	0.540	-1.1	91	0.00
42 M	Vinyl Acetate	0.922	0.862	6.5	90	0.00
43	Ethyl Acetate	0.451	0.451	0.0	88	0.00
44	Isopropyl Acetate	0.781	0.841	-7.7	96	0.00
45 T	1,4-Dioxane	0.006	0.007	-16.7	96	0.00
46	Methyl methacrylate	0.378	0.400	-5.8	97	0.00
47	n-amyl Acetate	0.692	0.719	-3.9	95	0.00
48 M	t-1,3-Dichloropropene	0.562	0.511	9.1	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.584	0.544	6.8	85	0.00
50 M	1,1,2-Trichloroethane	0.320	0.332	-3.8	93	0.00
51	Ethyl methacrylate	0.546	0.540	1.1	86	0.00
52	1,3-Dichloropropane	0.577	0.588	-1.9	91	0.00
53 M	Dibromochloromethane	0.383	0.380	0.8	91	0.00
54 M	1,2-Dibromoethane	0.331	0.340	-2.7	92	0.00
55 M	2-Chloroethyl vinyl ether	0.218	0.236	-8.3	87	0.00
56 M	Bromoform	0.244	0.227	7.0	85	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
58 M	4-Methyl-2-Pentanone	0.476	0.520	-9.2	99	0.00
59 M	2-Hexanone	0.359	0.378	-5.3	97	0.00
60 S	4-Bromofluorobenzene	0.517	0.510	1.4	88	0.00
61 M	Tetrachloroethene	0.317	0.310	2.2	93	0.00
62 M	Toluene	1.724	1.656	3.9	88	0.00
63 S	Toluene-d8	1.389	1.401	-0.9	88	0.00
64 M	Chlorobenzene	1.068	0.990	7.3	85	0.00
65	1,1,1,2-Tetrachloroethane	0.372	0.346	7.0	86	0.00
66 M	Ethyl Benzene	1.961	1.822	7.1	88	0.00
67 M	m/p-Xylenes	0.721	0.678	6.0	88	0.00
68 M	o-Xylene	0.698	0.661	5.3	87	0.00
69 M	Styrene	1.180	1.109	6.0	88	0.00
70	Isopropylbenzene	1.843	1.701	7.7	87	0.00
71 M	1,1,2,2-Tetrachloroethane	0.503	0.523	-4.0	94	0.00
72	1,2,3-Trichloropropane	0.441	0.439	0.5	90	0.00
73	Bromobenzene	0.423	0.389	8.0	86	0.00
74	n-propylbenzene	2.157	1.968	8.8	86	0.00
75	2-Chlorotoluene	1.346	1.264	6.1	88	0.00
76	1,3,5-Trimethylbenzene	1.539	1.432	7.0	86	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.161	13.9	82	0.00
78	4-Chlorotoluene	1.365	1.228	10.0	85	0.00
79	tert-butylbenzene	1.346	1.232	8.5	84	0.00
80	1,2,4-Trimethylbenzene	1.555	1.432	7.9	86	0.00
81	sec-Butylbenzene	1.839	1.659	9.8	87	0.00
82	p-Isopropyltoluene	1.547	1.373	11.2	85	0.00
83 M	1,3-Dichlorobenzene	0.815	0.695	14.7	80	0.00
84 M	1,4-Dichlorobenzene	0.814	0.696	14.5	80	0.00
85	n-Butylbenzene	1.365	1.146	16.0	83	0.00
86 T	Hexachloroethane	0.293	0.265	9.6	86	0.00
87 M	1,2-Dichlorobenzene	0.791	0.708	10.5	85	0.00
88	1,2-Dibromo-3-Chloropropane	0.111	0.107	3.6	90	0.00
89	1,2,4-Trichlorobenzene	0.433	0.338	21.9	74	0.00
90	Hexachlorobutadiene	0.179	0.145	19.0	79	0.00
91 M	Naphthalene	1.416	1.089	23.1	73	0.00
92	1,2,3-Trichlorobenzene	0.433	0.338	21.9	74	0.00

(#) = Out of Range

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