

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN112524\
 Data File : VN085033.D
 Acq On : 25 Nov 2024 17:27
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 26 05:55:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 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	82	0.00
2 M	Dichlorodifluoromethane	1.745	1.746	-0.1	78	0.00
3 M	Chloromethane	2.101	1.942	7.6	73	0.00
4 M	Vinyl Chloride	1.951	1.776	9.0	71	0.00
5 M	Bromomethane	0.990	0.992	-0.2	75	0.00
6 M	Chloroethane	1.281	1.230	4.0	75	0.01
7 M	Trichlorofluoromethane	3.168	3.139	0.9	76	0.00
8 T	Diethyl Ether	1.130	1.071	5.2	75	0.00
9	1,1,2-Trichlorotrifluoroeth	1.790	1.878	-4.9	79	-0.01
10 M	1,1-Dichloroethene	1.748	1.647	5.8	73	0.00
11	Methyl Iodide	2.403	2.313	3.7	76	0.00
12	Methyl Acetate	2.725	2.342	14.1	71	0.00
13 M	Acrolein	0.336	0.341	-1.5	80	0.00
14 M	Acrylonitrile	0.892	0.849	4.8	77	0.00
15 M	Acetone	0.229	0.247	-7.9	86	0.00
16 M	Carbon Disulfide	5.144	4.533	11.9	69	0.00
17	Allyl chloride	2.979	2.614	12.3	69	0.00
18 M	Methylene Chloride	2.049	1.921	6.2	71	0.00
19 M	trans-1,2-Dichloroethene	1.833	1.693	7.6	73	0.00
20 T	Diisopropyl ether	5.964	5.618	5.8	73	0.00
21 M	1,1-Dichloroethane	3.587	3.406	5.0	73	0.00
22 M	cis-1,2-Dichloroethene	2.188	2.119	3.2	78	0.00
23 M	tert-Butyl Alcohol	0.311	0.349	-12.2	92	0.00
24 M	Methyl tert-Butyl Ether	5.654	5.425	4.1	77	0.00
25 M	Chloroform	3.675	3.701	-0.7	77	0.00
26	Cyclohexane	2.740	2.610	4.7	76	0.00
27 s	1,2-Dichloroethane-d4	2.412	2.451	-1.6	81	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
29	1,1-Dichloropropene	0.452	0.434	4.0	74	0.00
30 M	2-Butanone	0.208	0.216	-3.8	83	0.00
31	2,2-Dichloropropane	0.552	0.597	-8.2	82	0.00
32 M	1,1,1-Trichloroethane	0.614	0.604	1.6	75	0.00
33 M	Carbon Tetrachloride	0.524	0.525	-0.2	78	0.00
34 M	Benzene	1.494	1.436	3.9	75	0.00
35	Methacrylonitrile	0.247	0.223	9.7	72	0.00
36 M	1,2-Dichloroethane	0.497	0.499	-0.4	76	0.00
37 M	Trichloroethene	0.337	0.323	4.2	74	0.00
38	Methylcyclohexane	0.486	0.438	9.9	73	0.00
39 M	1,2-Dichloropropane	0.360	0.345	4.2	74	0.00
40	Dibromomethane	0.252	0.255	-1.2	78	0.00
41 M	Bromodichloromethane	0.539	0.516	4.3	75	0.00
42 M	Vinyl Acetate	0.779	0.745	4.4	76	0.00
43	Ethyl Acetate	0.438	0.451	-3.0	84	0.00
44	Isopropyl Acetate	0.887	0.753	15.1	71	0.00
45 T	1,4-Dioxane	0.006	0.005	16.7	72	0.00
46	Methyl methacrylate	0.356	0.321	9.8	73	0.00
47	n-amyl Acetate	0.662	0.598	9.7	71	0.00
48 M	t-1,3-Dichloropropene	0.532	0.493	7.3	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.571	0.530	7.2	73	0.00
50 M	1,1,2-Trichloroethane	0.337	0.335	0.6	76	0.00
51	Ethyl methacrylate	0.520	0.477	8.3	76	0.00
52	1,3-Dichloropropane	0.586	0.559	4.6	73	0.00
53 M	Dibromochloromethane	0.395	0.392	0.8	78	0.00
54 M	1,2-Dibromoethane	0.341	0.331	2.9	74	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.254	0.4	76	0.00
56 M	Bromoform	0.265	0.254	4.2	77	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
58 M	4-Methyl-2-Pentanone	0.473	0.464	1.9	77	0.00
59 M	2-Hexanone	0.347	0.341	1.7	79	0.00
60 S	4-Bromofluorobenzene	0.517	0.513	0.8	83	0.00
61 M	Tetrachloroethene	0.314	0.306	2.5	76	0.00
62 M	Toluene	1.709	1.616	5.4	74	0.00
63 S	Toluene-d8	1.420	1.410	0.7	80	0.00
64 M	Chlorobenzene	1.032	0.971	5.9	74	0.00
65	1,1,1,2-Tetrachloroethane	0.379	0.373	1.6	77	0.00
66 M	Ethyl Benzene	1.796	1.638	8.8	73	0.00
67 M	m/p-Xylenes	0.687	0.642	6.6	74	0.00
68 M	o-Xylene	0.663	0.618	6.8	73	0.00
69 M	Styrene	1.112	1.031	7.3	74	0.00
70	Isopropylbenzene	1.647	1.547	6.1	76	0.00
71 M	1,1,2,2-Tetrachloroethane	0.534	0.527	1.3	76	0.00
72	1,2,3-Trichloropropane	0.456	0.436	4.4	68	0.00
73	Bromobenzene	0.425	0.389	8.5	72	0.00
74	n-propylbenzene	1.926	1.781	7.5	75	0.00
75	2-Chlorotoluene	1.255	1.158	7.7	74	0.00
76	1,3,5-Trimethylbenzene	1.408	1.333	5.3	76	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.177	5.3	76	0.00
78	4-Chlorotoluene	1.268	1.157	8.8	73	0.00
79	tert-butylbenzene	1.164	1.068	8.2	76	0.00
80	1,2,4-Trimethylbenzene	1.420	1.325	6.7	75	0.00
81	sec-Butylbenzene	1.604	1.483	7.5	76	0.00
82	p-Isopropyltoluene	1.348	1.225	9.1	75	0.00
83 M	1,3-Dichlorobenzene	0.786	0.736	6.4	74	0.00
84 M	1,4-Dichlorobenzene	0.776	0.708	8.8	74	0.00
85	n-Butylbenzene	1.132	0.992	12.4	76	0.00
86 T	Hexachloroethane	0.276	0.264	4.3	76	0.00
87 M	1,2-Dichlorobenzene	0.774	0.723	6.6	72	0.00
88	1,2-Dibromo-3-Chloropropane	0.103	0.109	-5.8	83	0.00
89	1,2,4-Trichlorobenzene	0.377	0.338	10.3	72	0.00
90	Hexachlorobutadiene	0.165	0.177	-7.3	86	0.00
91 M	Naphthalene	1.204	0.997	17.2	72	0.00
92	1,2,3-Trichlorobenzene	0.377	0.338	10.3	72	0.00

(#) = Out of Range

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