

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121624\
 Data File : VN085207.D
 Acq On : 16 Dec 2024 09:42
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 16 12:21:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N120624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Dec 06 22:50:42 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	107	0.00
2 M	Dichlorodifluoromethane	2.400	2.526	-5.2	109	0.00
3 M	Chloromethane	2.124	2.227	-4.8	114	0.00
4 M	Vinyl Chloride	2.173	2.251	-3.6	112	0.00
5 M	Bromomethane	1.380	1.402	-1.6	112	0.00
6 M	Chloroethane	1.335	1.437	-7.6	118	0.00
7 M	Trichlorofluoromethane	3.557	3.724	-4.7	115	0.00
8 T	Diethyl Ether	1.127	1.136	-0.8	116	0.00
9	1,1,2-Trichlorotrifluoroeth	1.989	2.005	-0.8	111	0.00
10 M	1,1-Dichloroethene	1.827	1.847	-1.1	113	0.00
11	Methyl Iodide	2.534	2.157	14.9	98	0.00
12	Methyl Acetate	2.155	2.103	2.4	109	0.00
13 M	Acrolein	0.313	0.235	24.9	98	0.00
14 M	Acrylonitrile	0.895	0.853	4.7	109	0.00
15 M	Acetone	0.243	0.258	-6.2	121	0.00
16 M	Carbon Disulfide	5.461	5.505	-0.8	110	0.00
17	Allyl chloride	2.614	2.670	-2.1	119	0.00
18 M	Methylene Chloride	2.073	2.023	2.4	107	0.00
19 M	trans-1,2-Dichloroethene	1.899	1.907	-0.4	113	0.00
20 T	Diisopropyl ether	5.737	5.917	-3.1	111	0.00
21 M	1,1-Dichloroethane	3.541	3.578	-1.0	112	0.00
22 M	cis-1,2-Dichloroethene	2.183	2.239	-2.6	113	-0.01
23 M	tert-Butyl Alcohol	0.321	0.293	8.7	107	0.00
24 M	Methyl tert-Butyl Ether	5.708	5.845	-2.4	115	0.00
25 M	Chloroform	3.710	3.808	-2.6	112	0.00
26	Cyclohexane	2.916	2.926	-0.3	107	0.00
27 s	1,2-Dichloroethane-d4	2.380	2.398	-0.8	107	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	115	0.00
29	1,1-Dichloropropene	0.484	0.466	3.7	111	0.00
30 M	2-Butanone	0.222	0.210	5.4	111	0.00
31	2,2-Dichloropropane	0.621	0.615	1.0	116	0.00
32 M	1,1,1-Trichloroethane	0.655	0.631	3.7	109	0.00
33 M	Carbon Tetrachloride	0.591	0.558	5.6	109	0.00
34 M	Benzene	1.521	1.463	3.8	112	0.00
35	Methacrylonitrile	0.250	0.227	9.2	104	0.00
36 M	1,2-Dichloroethane	0.518	0.501	3.3	114	0.00
37 M	Trichloroethene	0.362	0.361	0.3	116	0.00
38	Methylcyclohexane	0.526	0.500	4.9	119	0.00
39 M	1,2-Dichloropropane	0.368	0.353	4.1	109	0.00
40	Dibromomethane	0.264	0.255	3.4	110	0.00
41 M	Bromodichloromethane	0.565	0.546	3.4	113	0.00
42 M	Vinyl Acetate	0.777	0.761	2.1	117	0.00
43	Ethyl Acetate	0.442	0.399	9.7	113	0.00
44	Isopropyl Acetate	0.768	0.718	6.5	110	0.00
45 T	1,4-Dioxane	0.006	0.006	0.0	112	0.00
46	Methyl methacrylate	0.352	0.327	7.1	109	0.00
47	n-amyl Acetate	0.646	0.593	8.2	110	0.00
48 M	t-1,3-Dichloropropene	0.554	0.532	4.0	118	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.604	0.590	2.3	115	0.00
50 M	1,1,2-Trichloroethane	0.356	0.344	3.4	111	0.00
51	Ethyl methacrylate	0.542	0.503	7.2	114	0.00
52	1,3-Dichloropropane	0.596	0.572	4.0	112	0.00
53 M	Dibromochloromethane	0.434	0.412	5.1	111	0.00
54 M	1,2-Dibromoethane	0.359	0.343	4.5	113	0.00
55 M	2-Chloroethyl vinyl ether	0.252	0.197	21.8	91	0.00
56 M	Bromoform	0.291	0.271	6.9	113	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	112	0.00
58 M	4-Methyl-2-Pentanone	0.490	0.448	8.6	102	0.00
59 M	2-Hexanone	0.371	0.350	5.7	104	0.00
60 S	4-Bromofluorobenzene	0.496	0.487	1.8	110	0.00
61 M	Tetrachloroethene	0.363	0.361	0.6	113	0.00
62 M	Toluene	1.750	1.703	2.7	111	0.00
63 S	Toluene-d8	1.407	1.384	1.6	108	0.00
64 M	Chlorobenzene	1.080	1.049	2.9	111	0.00
65	1,1,1,2-Tetrachloroethane	0.403	0.391	3.0	114	0.00
66 M	Ethyl Benzene	1.857	1.831	1.4	118	0.00
67 M	m/p-Xylenes	0.714	0.703	1.5	111	0.00
68 M	o-Xylene	0.671	0.678	-1.0	117	0.00
69 M	Styrene	1.138	1.138	0.0	116	0.00
70	Isopropylbenzene	1.730	1.731	-0.1	117	0.00
71 M	1,1,2,2-Tetrachloroethane	0.526	0.495	5.9	104	0.00
72	1,2,3-Trichloropropane	0.520	0.399	23.3	84	0.00
73	Bromobenzene	0.433	0.425	1.8	114	0.00
74	n-propylbenzene	2.079	2.023	2.7	112	0.00
75	2-Chlorotoluene	1.286	1.262	1.9	111	0.00
76	1,3,5-Trimethylbenzene	1.482	1.477	0.3	115	0.00
77	t-1,4-Dichloro-2-butene	0.189	0.178	5.8	112	0.00
78	4-Chlorotoluene	1.305	1.276	2.2	113	0.00
79	tert-butylbenzene	1.217	1.210	0.6	116	0.00
80	1,2,4-Trimethylbenzene	1.464	1.478	-1.0	116	0.00
81	sec-Butylbenzene	1.729	1.683	2.7	113	0.00
82	p-Isopropyltoluene	1.434	1.422	0.8	116	0.00
83 M	1,3-Dichlorobenzene	0.795	0.761	4.3	112	0.00
84 M	1,4-Dichlorobenzene	0.775	0.751	3.1	113	0.00
85	n-Butylbenzene	1.203	1.164	3.2	120	0.00
86 T	Hexachloroethane	0.285	0.275	3.5	112	0.00
87 M	1,2-Dichlorobenzene	0.750	0.725	3.3	113	0.00
88	1,2-Dibromo-3-Chloropropane	0.105	0.090	14.3	97	0.00
89	1,2,4-Trichlorobenzene	0.367	0.353	3.8	116	0.00
90	Hexachlorobutadiene	0.191	0.191	0.0	117	0.00
91 M	Naphthalene	1.142	1.062	7.0	123	0.00
92	1,2,3-Trichlorobenzene	0.367	0.353	3.8	116	0.00

(#) = Out of Range

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