

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084619.D
 Acq On : 31 Oct 2024 14:42
 Operator : JC\MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN103124

Quant Time: Nov 01 02:42:26 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	106	0.00
2 M	Dichlorodifluoromethane	1.745	1.761	-0.9	102	0.00
3 M	Chloromethane	2.101	2.074	1.3	101	0.00
4 M	Vinyl Chloride	1.951	1.970	-1.0	102	0.00
5 M	Bromomethane	0.990	0.977	1.3	95	0.00
6 M	Chloroethane	1.281	1.235	3.6	98	0.02
7 M	Trichlorofluoromethane	3.168	3.178	-0.3	100	0.00
8 T	Diethyl Ether	1.130	1.193	-5.6	109	0.00
9	1,1,2-Trichlorotrifluoroeth	1.790	1.859	-3.9	102	0.00
10 M	1,1-Dichloroethene	1.748	1.743	0.3	101	0.00
11	Methyl Iodide	2.403	2.384	0.8	101	0.00
12	Methyl Acetate	2.725	2.464	9.6	97	0.00
13 M	Acrolein	0.336	0.327	2.7	99	0.00
14 M	Acrylonitrile	0.892	0.898	-0.7	106	0.00
15 M	Acetone	0.229	0.235	-2.6	107	0.00
16 M	Carbon Disulfide	5.144	5.100	0.9	101	0.00
17	Allyl chloride	2.979	2.817	5.4	96	0.00
18 M	Methylene Chloride	2.049	1.960	4.3	94	0.00
19 M	trans-1,2-Dichloroethene	1.833	1.772	3.3	99	0.00
20 T	Diisopropyl ether	5.964	5.855	1.8	99	0.00
21 M	1,1-Dichloroethane	3.587	3.467	3.3	97	0.00
22 M	cis-1,2-Dichloroethene	2.188	2.122	3.0	101	0.00
23 M	tert-Butyl Alcohol	0.311	0.335	-7.7	115	0.00
24 M	Methyl tert-Butyl Ether	5.654	5.530	2.2	101	0.00
25 M	Chloroform	3.675	3.580	2.6	97	0.00
26	Cyclohexane	2.740	2.805	-2.4	106	0.00
27 s	1,2-Dichloroethane-d4	2.412	2.364	2.0	102	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	106	0.00
29	1,1-Dichloropropene	0.452	0.441	2.4	100	0.00
30 M	2-Butanone	0.208	0.209	-0.5	106	0.00
31	2,2-Dichloropropane	0.552	0.550	0.4	99	0.00
32 M	1,1,1-Trichloroethane	0.614	0.593	3.4	97	0.00
33 M	Carbon Tetrachloride	0.524	0.514	1.9	101	0.00
34 M	Benzene	1.494	1.434	4.0	99	0.00
35	Methacrylonitrile	0.247	0.247	0.0	106	0.00
36 M	1,2-Dichloroethane	0.497	0.474	4.6	96	0.00
37 M	Trichloroethene	0.337	0.336	0.3	101	0.00
38	Methylcyclohexane	0.486	0.476	2.1	105	0.00
39 M	1,2-Dichloropropane	0.360	0.346	3.9	98	0.00
40	Dibromomethane	0.252	0.246	2.4	99	0.00
41 M	Bromodichloromethane	0.539	0.523	3.0	101	0.00
42 M	Vinyl Acetate	0.779	0.779	0.0	105	0.00
43	Ethyl Acetate	0.438	0.434	0.9	107	0.00
44	Isopropyl Acetate	0.887	0.811	8.6	101	0.00
45 T	1,4-Dioxane	0.006	0.006	0.0	107	0.00
46	Methyl methacrylate	0.356	0.350	1.7	106	0.00
47	n-amyl Acetate	0.662	0.656	0.9	104	0.00
48 M	t-1,3-Dichloropropene	0.532	0.520	2.3	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.571	0.557	2.5	101	0.00
50 M	1,1,2-Trichloroethane	0.337	0.334	0.9	100	0.00
51	Ethyl methacrylate	0.520	0.507	2.5	106	0.00
52	1,3-Dichloropropane	0.586	0.566	3.4	98	0.00
53 M	Dibromochloromethane	0.395	0.389	1.5	102	0.00
54 M	1,2-Dibromoethane	0.341	0.330	3.2	98	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.261	-2.4	104	0.00
56 M	Bromoform	0.265	0.263	0.8	106	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
58 M	4-Methyl-2-Pentanone	0.473	0.474	-0.2	107	0.00
59 M	2-Hexanone	0.347	0.345	0.6	108	0.00
60 S	4-Bromofluorobenzene	0.517	0.516	0.2	113	0.00
61 M	Tetrachloroethene	0.314	0.300	4.5	101	0.00
62 M	Toluene	1.709	1.618	5.3	101	0.00
63 S	Toluene-d8	1.420	1.379	2.9	106	0.00
64 M	Chlorobenzene	1.032	1.007	2.4	104	0.00
65	1,1,1,2-Tetrachloroethane	0.379	0.359	5.3	100	0.00
66 M	Ethyl Benzene	1.796	1.702	5.2	103	0.00
67 M	m/p-Xylenes	0.687	0.673	2.0	105	0.00
68 M	o-Xylene	0.663	0.644	2.9	103	0.00
69 M	Styrene	1.112	1.095	1.5	107	0.00
70	Isopropylbenzene	1.647	1.652	-0.3	110	0.00
71 M	1,1,2,2-Tetrachloroethane	0.534	0.515	3.6	100	0.00
72	1,2,3-Trichloropropane	0.456	0.486	-6.6	102	0.00
73	Bromobenzene	0.425	0.406	4.5	102	0.00
74	n-propylbenzene	1.926	1.913	0.7	108	0.00
75	2-Chlorotoluene	1.255	1.245	0.8	107	0.00
76	1,3,5-Trimethylbenzene	1.408	1.409	-0.1	108	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.181	3.2	105	0.00
78	4-Chlorotoluene	1.268	1.243	2.0	106	0.00
79	tert-butylbenzene	1.164	1.186	-1.9	115	0.00
80	1,2,4-Trimethylbenzene	1.420	1.410	0.7	108	0.00
81	sec-Butylbenzene	1.604	1.580	1.5	109	0.00
82	p-Isopropyltoluene	1.348	1.306	3.1	108	0.00
83 M	1,3-Dichlorobenzene	0.786	0.760	3.3	104	0.00
84 M	1,4-Dichlorobenzene	0.776	0.766	1.3	108	0.00
85	n-Butylbenzene	1.132	1.097	3.1	114	0.00
86 T	Hexachloroethane	0.276	0.265	4.0	103	0.00
87 M	1,2-Dichlorobenzene	0.774	0.761	1.7	103	0.00
88	1,2-Dibromo-3-Chloropropane	0.103	0.108	-4.9	111	0.00
89	1,2,4-Trichlorobenzene	0.377	0.381	-1.1	110	0.00
90	Hexachlorobutadiene	0.165	0.168	-1.8	111	0.00
91 M	Naphthalene	1.204	1.165	3.2	115	0.00
92	1,2,3-Trichlorobenzene	0.377	0.381	-1.1	110	0.00

(#) = Out of Range

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