

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084626.D
 Acq On : 31 Oct 2024 18:13
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Nov 01 02:50:26 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	107	0.00
2 M	Dichlorodifluoromethane	1.745	1.532	12.2	89	0.00
3 M	Chloromethane	2.101	1.874	10.8	92	0.00
4 M	Vinyl Chloride	1.951	1.723	11.7	89	0.00
5 M	Bromomethane	0.990	0.852	13.9	84	0.00
6 M	Chloroethane	1.281	1.110	13.3	88	0.02
7 M	Trichlorofluoromethane	3.168	2.826	10.8	89	0.00
8 T	Diethyl Ether	1.130	1.022	9.6	94	0.00
9	1,1,2-Trichlorotrifluoroeth	1.790	1.587	11.3	87	0.00
10 M	1,1-Dichloroethene	1.748	1.547	11.5	90	0.00
11	Methyl Iodide	2.403	2.181	9.2	93	0.00
12	Methyl Acetate	2.725	2.375	12.8	94	0.00
13 M	Acrolein	0.336	0.324	3.6	99	0.00
14 M	Acrylonitrile	0.892	0.827	7.3	98	0.00
15 M	Acetone	0.229	0.200	12.7	91	0.00
16 M	Carbon Disulfide	5.144	4.499	12.5	89	0.00
17	Allyl chloride	2.979	2.597	12.8	89	0.00
18 M	Methylene Chloride	2.049	1.836	10.4	89	0.00
19 M	trans-1,2-Dichloroethene	1.833	1.599	12.8	90	0.00
20 T	Diisopropyl ether	5.964	5.373	9.9	91	0.00
21 M	1,1-Dichloroethane	3.587	3.169	11.7	89	0.00
22 M	cis-1,2-Dichloroethene	2.188	1.953	10.7	93	0.00
23 M	tert-Butyl Alcohol	0.311	0.243	21.9	84	0.00
24 M	Methyl tert-Butyl Ether	5.654	5.079	10.2	93	0.00
25 M	Chloroform	3.675	3.322	9.6	91	0.00
26	Cyclohexane	2.740	2.353	14.1	89	0.00
27 s	1,2-Dichloroethane-d4	2.412	2.390	0.9	103	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
29	1,1-Dichloropropene	0.452	0.393	13.1	88	0.00
30 M	2-Butanone	0.208	0.190	8.7	96	0.00
31	2,2-Dichloropropane	0.552	0.470	14.9	85	0.00
32 M	1,1,1-Trichloroethane	0.614	0.544	11.4	89	0.00
33 M	Carbon Tetrachloride	0.524	0.454	13.4	89	0.00
34 M	Benzene	1.494	1.328	11.1	91	0.00
35	Methacrylonitrile	0.247	0.223	9.7	95	0.00
36 M	1,2-Dichloroethane	0.497	0.460	7.4	93	0.00
37 M	Trichloroethene	0.337	0.294	12.8	88	0.00
38	Methylcyclohexane	0.486	0.387	20.4	85	0.00
39 M	1,2-Dichloropropane	0.360	0.319	11.4	90	0.00
40	Dibromomethane	0.252	0.227	9.9	91	0.00
41 M	Bromodichloromethane	0.539	0.477	11.5	92	0.00
42 M	Vinyl Acetate	0.779	0.689	11.6	93	0.00
43	Ethyl Acetate	0.438	0.411	6.2	101	0.00
44	Isopropyl Acetate	0.887	0.689	22.3	86	0.00
45 T	1,4-Dioxane	0.006	0.005	16.7	93	0.00
46	Methyl methacrylate	0.356	0.326	8.4	98	0.00
47	n-amyl Acetate	0.662	0.625	5.6	98	0.00
48 M	t-1,3-Dichloropropene	0.532	0.455	14.5	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.571	0.498	12.8	90	0.00
50 M	1,1,2-Trichloroethane	0.337	0.306	9.2	91	0.00
51	Ethyl methacrylate	0.520	0.478	8.1	100	0.00
52	1,3-Dichloropropane	0.586	0.530	9.6	91	0.00
53 M	Dibromochloromethane	0.395	0.358	9.4	94	0.00
54 M	1,2-Dibromoethane	0.341	0.309	9.4	91	0.00
55 M	2-Chloroethyl vinyl ether	0.255	0.263	-3.1	104	0.00
56 M	Bromoform	0.265	0.229	13.6	92	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
58 M	4-Methyl-2-Pentanone	0.473	0.450	4.9	100	0.00
59 M	2-Hexanone	0.347	0.322	7.2	99	0.00
60 S	4-Bromofluorobenzene	0.517	0.513	0.8	110	0.00
61 M	Tetrachloroethene	0.314	0.294	6.4	97	0.00
62 M	Toluene	1.709	1.513	11.5	92	0.00
63 S	Toluene-d8	1.420	1.403	1.2	106	0.00
64 M	Chlorobenzene	1.032	0.940	8.9	95	0.00
65	1,1,1,2-Tetrachloroethane	0.379	0.342	9.8	93	0.00
66 M	Ethyl Benzene	1.796	1.544	14.0	92	0.00
67 M	m/p-Xylenes	0.687	0.603	12.2	92	0.00
68 M	o-Xylene	0.663	0.593	10.6	93	0.00
69 M	Styrene	1.112	0.985	11.4	94	0.00
70	Isopropylbenzene	1.647	1.438	12.7	93	0.00
71 M	1,1,2,2-Tetrachloroethane	0.534	0.498	6.7	95	0.00
72	1,2,3-Trichloropropane	0.456	0.416	8.8	86	0.00
73	Bromobenzene	0.425	0.373	12.2	92	0.00
74	n-propylbenzene	1.926	1.660	13.8	92	0.00
75	2-Chlorotoluene	1.255	1.104	12.0	93	0.00
76	1,3,5-Trimethylbenzene	1.408	1.237	12.1	93	0.00
77	t-1,4-Dichloro-2-butene	0.187	0.165	11.8	94	0.00
78	4-Chlorotoluene	1.268	1.105	12.9	92	0.00
79	tert-butylbenzene	1.164	1.043	10.4	99	0.00
80	1,2,4-Trimethylbenzene	1.420	1.272	10.4	95	0.00
81	sec-Butylbenzene	1.604	1.380	14.0	93	0.00
82	p-Isopropyltoluene	1.348	1.149	14.8	93	0.00
83 M	1,3-Dichlorobenzene	0.786	0.688	12.5	92	0.00
84 M	1,4-Dichlorobenzene	0.776	0.676	12.9	94	0.00
85	n-Butylbenzene	1.132	0.915	19.2	93	0.00
86 T	Hexachloroethane	0.276	0.238	13.8	91	0.00
87 M	1,2-Dichlorobenzene	0.774	0.693	10.5	92	0.00
88	1,2-Dibromo-3-Chloropropane	0.103	0.100	2.9	101	0.00
89	1,2,4-Trichlorobenzene	0.377	0.307	18.6	87	0.00
90	Hexachlorobutadiene	0.165	0.138	16.4	89	0.00
91 M	Naphthalene	1.204	1.017	15.5	98	0.00
92	1,2,3-Trichlorobenzene	0.377	0.307	18.6	87	0.00

(#) = Out of Range

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