

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020924\
 Data File : VN080995.D
 Acq On : 09 Feb 2024 17:43
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Feb 10 02:05:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N020924W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 10 01:52:21 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	81	0.00
2 M	Dichlorodifluoromethane	2.040	2.083	-2.1	91	0.00
3 M	Chloromethane	2.050	2.136	-4.2	91	0.00
4 M	Vinyl Chloride	2.444	2.524	-3.3	89	0.00
5 M	Bromomethane	1.642	1.641	0.1	85	0.05
6 M	Chloroethane	1.593	1.703	-6.9	91	0.02
7 M	Trichlorofluoromethane	3.218	3.106	3.5	80	0.01
8 T	Diethyl Ether	1.131	1.045	7.6	78	0.01
9	1,1,2-Trichlorotrifluoroeth	1.747	1.698	2.8	81	0.00
10 M	1,1-Dichloroethene	1.712	1.614	5.7	78	0.01
11	Methyl Iodide	1.834	1.590	13.3	77	0.01
12	Methyl Acetate	1.551	1.445	6.8	81	0.00
13 M	Acrolein	0.338	0.323	4.4	77	0.01
14 M	Acrylonitrile	0.770	0.735	4.5	81	0.00
15 M	Acetone	0.177	0.174	1.7	84	0.00
16 M	Carbon Disulfide	4.698	4.242	9.7	75	0.01
17	Allyl chloride	2.150	1.976	8.1	77	0.00
18 M	Methylene Chloride	1.956	1.934	1.1	81	0.00
19 M	trans-1,2-Dichloroethene	1.943	1.799	7.4	76	0.01
20 T	Diisopropyl ether	5.168	5.048	2.3	84	0.00
21 M	1,1-Dichloroethane	3.312	3.214	3.0	81	0.00
22 M	cis-1,2-Dichloroethene	2.258	2.146	5.0	78	0.00
23 M	tert-Butyl Alcohol	0.281	0.214	23.8	63	0.00
24 M	Methyl tert-Butyl Ether	5.675	5.441	4.1	81	0.00
25 M	Chloroform	3.674	3.613	1.7	81	0.00
26	Cyclohexane	2.494	2.310	7.4	75	0.00
27 s	1,2-Dichloroethane-d4	2.254	2.311	-2.5	85	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
29	1,1-Dichloropropene	0.447	0.452	-1.1	81	0.00
30 M	2-Butanone	0.164	0.158	3.7	79	0.00
31	2,2-Dichloropropane	0.509	0.503	1.2	80	0.00
32 M	1,1,1-Trichloroethane	0.562	0.562	0.0	81	0.00
33 M	Carbon Tetrachloride	0.474	0.456	3.8	78	0.00
34 M	Benzene	1.366	1.377	-0.8	81	0.00
35	Methacrylonitrile	0.193	0.189	2.1	83	0.00
36 M	1,2-Dichloroethane	0.458	0.476	-3.9	83	0.00
37 M	Trichloroethene	0.363	0.352	3.0	76	0.00
38	Methylcyclohexane	0.446	0.433	2.9	78	0.00
39 M	1,2-Dichloropropane	0.324	0.323	0.3	80	0.00
40	Dibromomethane	0.246	0.243	1.2	80	0.00
41 M	Bromodichloromethane	0.482	0.488	-1.2	83	0.00
42 M	Vinyl Acetate	0.701	0.671	4.3	80	0.00
43	Ethyl Acetate	0.341	0.334	2.1	79	0.00
44	Isopropyl Acetate	0.614	0.612	0.3	82	0.00
45 T	1,4-Dioxane	0.006	0.005	16.7	64	0.00
46	Methyl methacrylate	0.281	0.274	2.5	82	0.00
47	n-amyl Acetate	0.535	0.583	-9.0	89	0.00
48 M	t-1,3-Dichloropropene	0.505	0.483	4.4	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.548	0.529	3.5	78	0.00
50 M	1,1,2-Trichloroethane	0.341	0.336	1.5	81	0.00
51	Ethyl methacrylate	0.477	0.459	3.8	80	0.00
52	1,3-Dichloropropane	0.563	0.564	-0.2	81	0.00
53 M	Dibromochloromethane	0.372	0.405	-8.9	90	0.00
54 M	1,2-Dibromoethane	0.353	0.409	-15.9	96	0.00
55 M	2-Chloroethyl vinyl ether	0.244	0.255	-4.5	86	0.00
56 M	Bromoform	0.237	0.274	-15.6	98	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.389	0.328	15.7	83	0.00
59 M	2-Hexanone	0.286	0.236	17.5	82	0.00
60 S	4-Bromofluorobenzene	0.459	0.453	1.3	93	0.00
61 M	Tetrachloroethene	0.343	0.286	16.6	79	0.00
62 M	Toluene	1.643	1.376	16.3	81	0.00
63 S	Toluene-d8	1.346	1.185	12.0	83	0.00
64 M	Chlorobenzene	1.006	0.961	4.5	92	0.00
65	1,1,1,2-Tetrachloroethane	0.373	0.367	1.6	95	0.00
66 M	Ethyl Benzene	1.728	1.614	6.6	89	0.00
67 M	m/p-Xylenes	0.679	0.652	4.0	90	0.00
68 M	o-Xylene	0.665	0.649	2.4	95	0.00
69 M	Styrene	1.095	1.088	0.6	96	0.00
70	Isopropylbenzene	1.621	1.591	1.9	93	0.00
71 M	1,1,2,2-Tetrachloroethane	0.500	0.457	8.6	89	0.00
72	1,2,3-Trichloropropane	0.391	0.353	9.7	91	0.00
73	Bromobenzene	0.403	0.377	6.5	88	0.00
74	n-propylbenzene	1.842	1.562	15.2	81	0.00
75	2-Chlorotoluene	1.143	0.963	15.7	79	0.00
76	1,3,5-Trimethylbenzene	1.326	1.120	15.5	80	0.00
77	t-1,4-Dichloro-2-butene	0.148	0.118	20.3	80	0.00
78	4-Chlorotoluene	1.145	0.961	16.1	79	0.00
79	tert-butylbenzene	1.101	0.900	18.3	76	0.00
80	1,2,4-Trimethylbenzene	1.321	1.115	15.6	80	0.00
81	sec-Butylbenzene	1.541	1.279	17.0	78	0.00
82	p-Isopropyltoluene	1.294	1.056	18.4	79	0.00
83 M	1,3-Dichlorobenzene	0.725	0.603	16.8	77	0.00
84 M	1,4-Dichlorobenzene	0.728	0.597	18.0	77	0.00
85	n-Butylbenzene	1.068	0.891	16.6	81	0.00
86 T	Hexachloroethane	0.204	0.159	22.1	76	0.00
87 M	1,2-Dichlorobenzene	0.706	0.589	16.6	81	0.00
88	1,2-Dibromo-3-Chloropropane	0.090	0.072	20.0	84	0.00
89	1,2,4-Trichlorobenzene	0.345	0.284	17.7	77	0.00
90	Hexachlorobutadiene	0.151	0.126	16.6	80	0.00
91 M	Naphthalene	1.226	0.966	21.2	77	0.00
92	1,2,3-Trichlorobenzene	0.345	0.284	17.7	77	0.00

(#) = Out of Range

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