

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041924\
 Data File : VN081802.D
 Acq On : 19 Apr 2024 11:37
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 19 23:33:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N041024W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Apr 11 09:25:01 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	59	-0.01
2 M	Dichlorodifluoromethane	4.192	3.304	21.2	46#	0.00
3 M	Chloromethane	3.637	4.304	-18.3	67	0.00
4 M	Vinyl Chloride	3.740	4.702	-25.7#	79	0.00
5 M	Bromomethane	3.167	3.989	-26.0#	70	0.00
6 M	Chloroethane	2.927	3.954	-35.1#	83	0.00
7 M	Trichlorofluoromethane	6.140	8.065	-31.4#	62	0.00
8 T	Diethyl Ether	2.290	3.484	-52.1#	84	0.00
9	1,1,2-Trichlorotrifluoroeth	4.212	3.750	11.0	50#	0.00
10 M	1,1-Dichloroethene	3.863	3.384	12.4	48#	0.00
11	Methyl Iodide	4.375	3.366	23.1	55	0.00
12	Methyl Acetate	3.547	3.566	-0.5	60	0.00
13 M	Acrolein	0.467	0.461	1.3	63	0.00
14 M	Acrylonitrile	1.766	1.667	5.6	55	0.00
15 M	Acetone	0.388	0.398	-2.6	59	0.01
16 M	Carbon Disulfide	10.985	8.832	19.6	46#	0.00
17	Allyl chloride	4.673	4.598	1.6	56	0.00
18 M	Methylene Chloride	4.448	4.022	9.6	51	-0.02
19 M	trans-1,2-Dichloroethene	4.236	3.761	11.2	50#	0.00
20 T	Diisopropyl ether	11.126	11.578	-4.1	58	0.00
21 M	1,1-Dichloroethane	7.418	7.406	0.2	57	0.00
22 M	cis-1,2-Dichloroethene	5.116	4.910	4.0	54	0.00
23 M	tert-Butyl Alcohol	0.627	0.663	-5.7	58	0.00
24 M	Methyl tert-Butyl Ether	12.082	11.947	1.1	56	0.00
25 M	Chloroform	8.440	8.621	-2.1	57	0.00
26	Cyclohexane	5.947	5.473	8.0	54	0.00
27 s	1,2-Dichloroethane-d4	3.685	4.230	-14.8	65	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	58	0.00
29	1,1-Dichloropropene	0.789	0.739	6.3	57	0.00
30 M	2-Butanone	0.301	0.309	-2.7	62	0.00
31	2,2-Dichloropropane	0.982	0.891	9.3	53	0.00
32 M	1,1,1-Trichloroethane	1.087	1.006	7.5	55	0.00
33 M	Carbon Tetrachloride	0.985	0.878	10.9	54	0.00
34 M	Benzene	2.541	2.393	5.8	58	0.00
35	Methacrylonitrile	0.341	0.368	-7.9	64	0.00
36 M	1,2-Dichloroethane	0.833	0.891	-7.0	65	0.00
37 M	Trichloroethene	0.672	0.594	11.6	55	0.00
38	Methylcyclohexane	0.964	0.755	21.7	47#	0.00
39 M	1,2-Dichloropropane	0.593	0.583	1.7	60	0.00
40	Dibromomethane	0.472	0.477	-1.1	59	0.00
41 M	Bromodichloromethane	0.963	0.955	0.8	60	0.00
42 M	Vinyl Acetate	1.255	1.253	0.2	60	0.00
43	Ethyl Acetate	0.664	0.709	-6.8	68	0.00
44	Isopropyl Acetate	1.112	1.206	-8.5	68	0.00
45 T	1,4-Dioxane	0.012	0.013	-8.3	64	0.00
46	Methyl methacrylate	0.500	0.517	-3.4	64	0.00
47	n-amyl Acetate	0.998	1.043	-4.5	66	0.00
48 M	t-1,3-Dichloropropene	0.917	0.919	-0.2	60	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.988	0.949	3.9	58	0.00
50 M	1,1,2-Trichloroethane	0.632	0.617	2.4	59	0.00
51	Ethyl methacrylate	0.880	0.868	1.4	60	0.00
52	1,3-Dichloropropane	1.036	1.058	-2.1	61	0.00
53 M	Dibromochloromethane	0.755	0.723	4.2	58	0.00
54 M	1,2-Dibromoethane	0.653	0.600	8.1	55	0.00
55 M	2-Chloroethyl vinyl ether	0.432	0.465	-7.6	67	0.00
56 M	Bromoform	0.483	0.467	3.3	60	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	58	0.00
58 M	4-Methyl-2-Pentanone	0.516	0.582	-12.8	67	0.00
59 M	2-Hexanone	0.387	0.431	-11.4	66	0.00
60 S	4-Bromofluorobenzene	0.590	0.634	-7.5	63	0.00
61 M	Tetrachloroethene	0.556	0.492	11.5	53	0.00
62 M	Toluene	2.183	2.045	6.3	55	0.00
63 S	Toluene-d8	1.203	1.205	-0.2	57	0.00
64 M	Chlorobenzene	1.384	1.304	5.8	56	0.00
65	1,1,1,2-Tetrachloroethane	0.503	0.477	5.2	55	0.00
66 M	Ethyl Benzene	2.321	2.181	6.0	55	0.00
67 M	m/p-Xylenes	0.919	0.864	6.0	54	0.00
68 M	o-Xylene	0.873	0.862	1.3	58	0.00
69 M	Styrene	1.486	1.389	6.5	55	0.00
70	Isopropylbenzene	2.251	2.162	4.0	56	0.00
71 M	1,1,2,2-Tetrachloroethane	0.588	0.633	-7.7	63	0.00
72	1,2,3-Trichloropropane	0.544	0.594	-9.2	62	0.00
73	Bromobenzene	0.558	0.553	0.9	58	0.00
74	n-propylbenzene	2.695	2.507	7.0	56	0.00
75	2-Chlorotoluene	1.605	1.596	0.6	58	0.00
76	1,3,5-Trimethylbenzene	1.911	1.840	3.7	56	0.00
77	t-1,4-Dichloro-2-butene	0.225	0.229	-1.8	61	0.00
78	4-Chlorotoluene	1.592	1.604	-0.8	58	0.00
79	tert-butylbenzene	1.626	1.491	8.3	54	0.00
80	1,2,4-Trimethylbenzene	1.906	1.874	1.7	57	0.00
81	sec-Butylbenzene	2.344	2.109	10.0	53	0.00
82	p-Isopropyltoluene	1.966	1.791	8.9	53	0.00
83 M	1,3-Dichlorobenzene	1.042	1.046	-0.4	59	0.00
84 M	1,4-Dichlorobenzene	1.009	1.002	0.7	57	0.00
85	n-Butylbenzene	1.656	1.461	11.8	53	0.00
86 T	Hexachloroethane	0.376	0.352	6.4	56	0.00
87 M	1,2-Dichlorobenzene	0.992	1.013	-2.1	59	0.00
88	1,2-Dibromo-3-Chloropropane	0.128	0.154	-20.3	75	0.00
89	1,2,4-Trichlorobenzene	0.544	0.525	3.5	57	0.00
90	Hexachlorobutadiene	0.218	0.200	8.3	55	0.00
91 M	Naphthalene	1.749	1.747	0.1	63	0.00
92	1,2,3-Trichlorobenzene	0.544	0.525	3.5	57	0.00

(#) = Out of Range

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