

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041724\
 Data File : VN081767.D
 Acq On : 17 Apr 2024 11:28
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 18 01:08:32 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	54	0.00
2 M	Dichlorodifluoromethane	4.192	3.058	27.1#	40#	0.00
3 M	Chloromethane	3.637	5.230	-43.8#	76	0.00
4 M	Vinyl Chloride	3.740	5.527	-47.8#	86	0.00
5 M	Bromomethane	3.167	3.627	-14.5	59	0.00
6 M	Chloroethane	2.927	3.766	-28.7#	73	0.00
7 M	Trichlorofluoromethane	6.140	6.782	-10.5	48#	0.00
8 T	Diethyl Ether	2.290	1.936	15.5	43#	0.00
9	1,1,2-Trichlorotrifluoroeth	4.212	4.000	5.0	49#	0.00
10 M	1,1-Dichloroethene	3.863	3.473	10.1	46#	0.00
11	Methyl Iodide	4.375	3.129	28.5#	48#	0.00
12	Methyl Acetate	3.547	3.698	-4.3	57	0.00
13 M	Acrolein	0.467	0.507	-8.6	64	0.00
14 M	Acrylonitrile	1.766	1.697	3.9	52	0.00
15 M	Acetone	0.388	0.400	-3.1	55	0.00
16 M	Carbon Disulfide	10.985	10.014	8.8	48#	0.00
17	Allyl chloride	4.673	4.479	4.2	51	0.00
18 M	Methylene Chloride	4.448	4.412	0.8	52	-0.01
19 M	trans-1,2-Dichloroethene	4.236	3.967	6.4	49#	0.00
20 T	Diisopropyl ether	11.126	11.503	-3.4	53	0.00
21 M	1,1-Dichloroethane	7.418	7.791	-5.0	55	0.00
22 M	cis-1,2-Dichloroethene	5.116	4.776	6.6	49#	0.00
23 M	tert-Butyl Alcohol	0.627	0.605	3.5	49#	0.00
24 M	Methyl tert-Butyl Ether	12.082	11.333	6.2	49#	0.00
25 M	Chloroform	8.440	8.899	-5.4	55	0.00
26	Cyclohexane	5.947	5.795	2.6	53	0.00
27 s	1,2-Dichloroethane-d4	3.685	4.395	-19.3	62	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	51	0.00
29	1,1-Dichloropropene	0.789	0.781	1.0	54	0.00
30 M	2-Butanone	0.301	0.308	-2.3	55	0.00
31	2,2-Dichloropropane	0.982	0.945	3.8	50#	0.00
32 M	1,1,1-Trichloroethane	1.087	1.105	-1.7	53	0.00
33 M	Carbon Tetrachloride	0.985	0.974	1.1	53	0.00
34 M	Benzene	2.541	2.553	-0.5	54	0.00
35	Methacrylonitrile	0.341	0.360	-5.6	56	-0.01
36 M	1,2-Dichloroethane	0.833	0.927	-11.3	60	0.00
37 M	Trichloroethene	0.672	0.624	7.1	51	0.00
38	Methylcyclohexane	0.964	0.822	14.7	45#	0.00
39 M	1,2-Dichloropropane	0.593	0.639	-7.8	58	0.00
40	Dibromomethane	0.472	0.497	-5.3	55	0.00
41 M	Bromodichloromethane	0.963	1.032	-7.2	57	0.00
42 M	Vinyl Acetate	1.255	1.251	0.3	53	0.00
43	Ethyl Acetate	0.664	0.695	-4.7	59	0.00
44	Isopropyl Acetate	1.112	1.195	-7.5	60	0.00
45 T	1,4-Dioxane	0.012	0.012	0.0	52	0.00
46	Methyl methacrylate	0.500	0.524	-4.8	58	0.00
47	n-amyl Acetate	0.998	1.057	-5.9	60	0.00
48 M	t-1,3-Dichloropropene	0.917	0.942	-2.7	55	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.988	0.989	-0.1	54	0.00
50 M	1,1,2-Trichloroethane	0.632	0.636	-0.6	54	0.00
51	Ethyl methacrylate	0.880	0.825	6.3	51	0.00
52	1,3-Dichloropropane	1.036	1.106	-6.8	56	0.00
53 M	Dibromochloromethane	0.755	0.780	-3.3	55	0.00
54 M	1,2-Dibromoethane	0.653	0.654	-0.2	53	0.00
55 M	2-Chloroethyl vinyl ether	0.432	0.487	-12.7	63	0.00
56 M	Bromoform	0.483	0.490	-1.4	56	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	53	0.00
58 M	4-Methyl-2-Pentanone	0.516	0.572	-10.9	60	0.00
59 M	2-Hexanone	0.387	0.429	-10.9	61	0.00
60 S	4-Bromofluorobenzene	0.590	0.645	-9.3	59	0.00
61 M	Tetrachloroethene	0.556	0.540	2.9	54	0.00
62 M	Toluene	2.183	2.205	-1.0	55	0.00
63 S	Toluene-d8	1.203	1.301	-8.1	57	0.00
64 M	Chlorobenzene	1.384	1.321	4.6	52	0.00
65	1,1,1,2-Tetrachloroethane	0.503	0.511	-1.6	54	0.00
66 M	Ethyl Benzene	2.321	2.204	5.0	51	0.00
67 M	m/p-Xylenes	0.919	0.926	-0.8	54	0.00
68 M	o-Xylene	0.873	0.836	4.2	52	0.00
69 M	Styrene	1.486	1.413	4.9	51	0.00
70	Isopropylbenzene	2.251	2.175	3.4	52	0.00
71 M	1,1,2,2-Tetrachloroethane	0.588	0.627	-6.6	57	0.00
72	1,2,3-Trichloropropane	0.544	0.630	-15.8	60	0.00
73	Bromobenzene	0.558	0.538	3.6	52	0.00
74	n-propylbenzene	2.695	2.677	0.7	55	0.00
75	2-Chlorotoluene	1.605	1.619	-0.9	54	0.00
76	1,3,5-Trimethylbenzene	1.911	1.884	1.4	52	0.00
77	t-1,4-Dichloro-2-butene	0.225	0.229	-1.8	56	0.00
78	4-Chlorotoluene	1.592	1.639	-3.0	55	0.00
79	tert-butylbenzene	1.626	1.610	1.0	54	0.00
80	1,2,4-Trimethylbenzene	1.906	1.920	-0.7	54	0.00
81	sec-Butylbenzene	2.344	2.285	2.5	53	0.00
82	p-Isopropyltoluene	1.966	1.825	7.2	50	0.00
83 M	1,3-Dichlorobenzene	1.042	1.036	0.6	54	0.00
84 M	1,4-Dichlorobenzene	1.009	1.026	-1.7	54	0.00
85	n-Butylbenzene	1.656	1.524	8.0	50	0.00
86 T	Hexachloroethane	0.376	0.383	-1.9	56	0.00
87 M	1,2-Dichlorobenzene	0.992	0.980	1.2	52	0.00
88	1,2-Dibromo-3-Chloropropane	0.128	0.136	-6.3	61	0.00
89	1,2,4-Trichlorobenzene	0.544	0.513	5.7	51	0.00
90	Hexachlorobutadiene	0.218	0.215	1.4	54	0.00
91 M	Naphthalene	1.749	1.523	12.9	51	0.00
92	1,2,3-Trichlorobenzene	0.544	0.513	5.7	51	0.00

(#) = Out of Range

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