

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101322\
 Data File : VN074898.D
 Acq On : 13 Oct 2022 16:45
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 14 05:06:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101222W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 13 07:52:24 2022
 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	97	0.00
2 M	Dichlorodifluoromethane	1.666	1.590	4.6	90	0.00
3 M	Chloromethane	2.694	2.713	-0.7	92	0.00
4 M	Vinyl Chloride	3.967	4.001	-0.9	90	0.00
5 M	Bromomethane	3.146	3.034	3.6	90	0.00
6 M	Chloroethane	2.975	3.313	-11.4	94	0.00
7 M	Trichlorofluoromethane	2.958	2.965	-0.2	92	0.00
8 T	Diethyl Ether	1.379	1.300	5.7	85	0.00
9	1,1,2-Trichlorotrifluoroeth	1.861	1.863	-0.1	92	0.00
10 M	1,1-Dichloroethene	1.831	1.770	3.3	94	0.00
11	Methyl Iodide	2.285	2.174	4.9	89	0.00
12	Methyl Acetate	4.413	4.004	9.3	87	0.00
13 M	Acrolein	0.624	0.605	3.0	95	0.00
14 M	Acrylonitrile	1.646	1.608	2.3	92	0.00
15 M	Acetone	0.451	0.409	9.3	85	0.00
16 M	Carbon Disulfide	4.704	4.434	5.7	89	0.00
17	Allyl chloride	3.645	3.116	14.5	74	0.00
18 M	Methylene Chloride	2.374	2.313	2.6	90	0.00
19 M	trans-1,2-Dichloroethene	2.010	1.929	4.0	94	0.00
20 T	Diisopropyl ether	8.509	8.229	3.3	94	0.00
21 M	1,1-Dichloroethane	4.329	4.242	2.0	92	0.00
22 M	cis-1,2-Dichloroethene	2.517	2.462	2.2	94	0.00
23 M	tert-Butyl Alcohol	0.694	0.595	14.3	82	0.00
24 M	Methyl tert-Butyl Ether	7.646	7.460	2.4	94	0.00
25 M	Chloroform	4.299	4.295	0.1	100	0.00
26	Cyclohexane	3.803	3.756	1.2	94	0.00
27 s	1,2-Dichloroethane-d4	2.809	2.845	-1.3	102	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
29	1,1-Dichloropropene	0.541	0.521	3.7	95	0.00
30 M	2-Butanone	0.432	0.406	6.0	89	0.00
31	2,2-Dichloropropane	0.663	0.611	7.8	91	0.00
32 M	1,1,1-Trichloroethane	0.649	0.628	3.2	93	0.00
33 M	Carbon Tetrachloride	0.533	0.530	0.6	93	0.00
34 M	Benzene	1.789	1.718	4.0	91	0.00
35	Methacrylonitrile	0.444	0.398	10.4	84	0.00
36 M	1,2-Dichloroethane	0.596	0.609	-2.2	99	0.00
37 M	Trichloroethene	0.372	0.373	-0.3	98	0.00
38	Methylcyclohexane	0.658	0.650	1.2	100	0.00
39 M	1,2-Dichloropropane	0.464	0.458	1.3	92	0.00
40	Dibromomethane	0.307	0.309	-0.7	98	0.00
41 M	Bromodichloromethane	0.599	0.563	6.0	91	0.00
42 M	Vinyl Acetate	1.287	1.305	-1.4	94	0.00
43	Ethyl Acetate	0.840	0.731	13.0	86	0.00
44	Isopropyl Acetate	1.299	1.237	4.8	92	0.00
45 T	1,4-Dioxane	0.012	0.011	8.3	85	0.00
46	Methyl methacrylate	0.562	0.519	7.7	89	0.00
47	n-amyl Acetate	1.136	1.059	6.8	94	0.00
48 M	t-1,3-Dichloropropene	0.687	0.636	7.4	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.728	0.691	5.1	96	0.00
50 M	1,1,2-Trichloroethane	0.452	0.435	3.8	93	0.00
51	Ethyl methacrylate	0.769	0.726	5.6	97	0.00
52	1,3-Dichloropropane	0.781	0.771	1.3	92	0.00
53 M	Dibromochloromethane	0.443	0.402	9.3	89	0.00
54 M	1,2-Dibromoethane	0.435	0.440	-1.1	103	0.00
55 M	2-Chloroethyl vinyl ether	0.301	0.274	9.0	95	0.00
56 M	Bromoform	0.319	0.281	11.9	96	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	100	0.00
58 M	4-Methyl-2-Pentanone	0.933	0.896	4.0	91	0.00
59 M	2-Hexanone	0.718	0.657	8.5	87	0.00
60 S	4-Bromofluorobenzene	0.532	0.485	8.8	96	0.00
61 M	Tetrachloroethene	0.320	0.312	2.5	94	0.00
62 M	Toluene	2.073	2.015	2.8	92	0.00
63 S	Toluene-d8	1.731	1.764	-1.9	99	0.00
64 M	Chlorobenzene	1.178	1.171	0.6	95	0.00
65	1,1,1,2-Tetrachloroethane	0.444	0.419	5.6	92	0.00
66 M	Ethyl Benzene	2.254	2.188	2.9	95	0.00
67 M	m/p-Xylenes	0.847	0.843	0.5	98	0.00
68 M	o-Xylene	0.861	0.808	6.2	93	0.00
69 M	Styrene	1.409	1.311	7.0	96	0.00
70	Isopropylbenzene	2.220	2.110	5.0	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.830	0.788	5.1	92	0.00
72	1,2,3-Trichloropropane	0.698	0.702	-0.6	95	0.00
73	Bromobenzene	0.465	0.445	4.3	94	0.00
74	n-propylbenzene	2.588	2.482	4.1	98	0.00
75	2-Chlorotoluene	1.514	1.411	6.8	93	0.00
76	1,3,5-Trimethylbenzene	1.804	1.719	4.7	98	0.00
77	t-1,4-Dichloro-2-butene	0.290	0.240	17.2	87	0.00
78	4-Chlorotoluene	1.445	1.356	6.2	98	0.00
79	tert-butylbenzene	1.605	1.515	5.6	97	0.00
80	1,2,4-Trimethylbenzene	1.815	1.749	3.6	100	0.00
81	sec-Butylbenzene	2.306	2.157	6.5	96	0.00
82	p-Isopropyltoluene	1.832	1.731	5.5	99	0.00
83 M	1,3-Dichlorobenzene	0.908	0.809	10.9	93	0.00
84 M	1,4-Dichlorobenzene	0.872	0.797	8.6	95	0.00
85	n-Butylbenzene	1.617	1.479	8.5	98	0.00
86 T	Hexachloroethane	0.359	0.337	6.1	93	0.00
87 M	1,2-Dichlorobenzene	0.901	0.837	7.1	94	0.00
88	1,2-Dibromo-3-Chloropropane	0.168	0.158	6.0	96	0.01
89	1,2,4-Trichlorobenzene	0.412	0.387	6.1	101	0.00
90	Hexachlorobutadiene	0.201	0.188	6.5	98	0.00
91 M	Naphthalene	1.633	1.441	11.8	97	0.00
92	1,2,3-Trichlorobenzene	0.431	0.370	14.2	89	0.00

(#) = Out of Range

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