

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042924\
 Data File : VN081917.D
 Acq On : 29 Apr 2024 16:45
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Apr 30 04:40:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N042624W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Apr 27 04:37:27 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	97	0.00
2 M	Dichlorodifluoromethane	1.703	1.677	1.5	97	0.00
3 M	Chloromethane	1.975	1.771	10.3	90	0.00
4 M	Vinyl Chloride	1.866	1.690	9.4	92	0.00
5 M	Bromomethane	0.974	0.776	20.3	78	0.00
6 M	Chloroethane	1.056	0.977	7.5	89	0.00
7 M	Trichlorofluoromethane	2.730	2.664	2.4	95	0.00
8 T	Diethyl Ether	1.322	1.276	3.5	93	0.00
9	1,1,2-Trichlorotrifluoroeth	1.872	1.714	8.4	88	0.00
10 M	1,1-Dichloroethene	1.831	1.723	5.9	94	0.00
11	Methyl Iodide	1.673	1.612	3.6	108	0.00
12	Methyl Acetate	2.293	2.223	3.1	97	0.00
13 M	Acrolein	0.487	0.170	65.1#	36#	0.01
14 M	Acrylonitrile	1.046	1.004	4.0	94	0.00
15 M	Acetone	0.234	0.242	-3.4	98	0.01
16 M	Carbon Disulfide	5.073	4.657	8.2	93	0.00
17	Allyl chloride	3.215	3.049	5.2	90	0.00
18 M	Methylene Chloride	2.083	1.956	6.1	95	0.00
19 M	trans-1,2-Dichloroethene	1.906	1.751	8.1	95	0.00
20 T	Diisopropyl ether	7.112	6.644	6.6	92	0.00
21 M	1,1-Dichloroethane	3.766	3.622	3.8	93	0.00
22 M	cis-1,2-Dichloroethene	2.322	2.232	3.9	97	0.00
23 M	tert-Butyl Alcohol	0.431	0.388	10.0	84	0.02
24 M	Methyl tert-Butyl Ether	6.601	6.283	4.8	91	0.00
25 M	Chloroform	3.623	3.424	5.5	92	0.00
26	Cyclohexane	3.257	3.152	3.2	97	0.00
27 s	1,2-Dichloroethane-d4	2.512	2.488	1.0	98	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	99	0.00
29	1,1-Dichloropropene	0.447	0.419	6.3	95	0.00
30 M	2-Butanone	0.230	0.213	7.4	91	0.00
31	2,2-Dichloropropane	0.458	0.520	-13.5	117	0.00
32 M	1,1,1-Trichloroethane	0.514	0.492	4.3	95	0.00
33 M	Carbon Tetrachloride	0.417	0.388	7.0	92	0.00
34 M	Benzene	1.425	1.365	4.2	95	0.00
35	Methacrylonitrile	0.291	0.274	5.8	95	0.00
36 M	1,2-Dichloroethane	0.478	0.444	7.1	94	0.00
37 M	Trichloroethene	0.349	0.292	16.3	85	0.00
38	Methylcyclohexane	0.540	0.522	3.3	97	0.00
39 M	1,2-Dichloropropane	0.366	0.365	0.3	103	0.00
40	Dibromomethane	0.235	0.214	8.9	93	0.00
41 M	Bromodichloromethane	0.502	0.473	5.8	97	0.00
42 M	Vinyl Acetate	0.980	0.907	7.4	94	0.00
43	Ethyl Acetate	0.502	0.452	10.0	92	0.01
44	Isopropyl Acetate	0.891	0.824	7.5	93	0.00
45 T	1,4-Dioxane	0.007	0.007	0.0	96	0.00
46	Methyl methacrylate	0.407	0.380	6.6	94	0.00
47	n-amyl Acetate	0.804	0.746	7.2	95	0.00
48 M	t-1,3-Dichloropropene	0.544	0.518	4.8	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.576	0.566	1.7	99	0.00
50 M	1,1,2-Trichloroethane	0.319	0.301	5.6	94	0.00
51	Ethyl methacrylate	0.601	0.591	1.7	100	0.00
52	1,3-Dichloropropane	0.585	0.555	5.1	96	0.00
53 M	Dibromochloromethane	0.347	0.324	6.6	98	0.00
54 M	1,2-Dibromoethane	0.318	0.311	2.2	98	0.00
55 M	2-Chloroethyl vinyl ether	0.301	0.272	9.6	90	0.00
56 M	Bromoform	0.211	0.195	7.6	93	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.583	0.536	8.1	92	0.00
59 M	2-Hexanone	0.432	0.407	5.8	95	0.00
60 S	4-Bromofluorobenzene	0.499	0.488	2.2	102	0.00
61 M	Tetrachloroethene	0.333	0.289	13.2	85	0.00
62 M	Toluene	1.688	1.578	6.5	95	0.00
63 S	Toluene-d8	1.425	1.405	1.4	100	0.00
64 M	Chlorobenzene	1.032	0.983	4.7	96	0.00
65	1,1,1,2-Tetrachloroethane	0.338	0.327	3.3	97	0.00
66 M	Ethyl Benzene	1.850	1.754	5.2	94	0.00
67 M	m/p-Xylenes	0.686	0.667	2.8	98	0.00
68 M	o-Xylene	0.679	0.648	4.6	94	0.00
69 M	Styrene	1.139	1.061	6.8	95	0.00
70	Isopropylbenzene	1.724	1.630	5.5	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.496	0.494	0.4	98	0.00
72	1,2,3-Trichloropropane	0.464	0.453	2.4	100	0.00
73	Bromobenzene	0.369	0.352	4.6	99	0.00
74	n-propylbenzene	2.034	1.930	5.1	95	0.00
75	2-Chlorotoluene	1.258	1.159	7.9	93	0.00
76	1,3,5-Trimethylbenzene	1.395	1.323	5.2	94	0.00
77	t-1,4-Dichloro-2-butene	0.206	0.205	0.5	103	0.00
78	4-Chlorotoluene	1.233	1.156	6.2	96	0.00
79	tert-butylbenzene	1.201	1.129	6.0	93	0.00
80	1,2,4-Trimethylbenzene	1.401	1.317	6.0	96	0.00
81	sec-Butylbenzene	1.684	1.625	3.5	98	0.00
82	p-Isopropyltoluene	1.332	1.298	2.6	97	0.00
83 M	1,3-Dichlorobenzene	0.664	0.640	3.6	96	0.00
84 M	1,4-Dichlorobenzene	0.668	0.639	4.3	97	0.00
85	n-Butylbenzene	1.216	1.201	1.2	102	0.00
86 T	Hexachloroethane	0.266	0.256	3.8	97	0.00
87 M	1,2-Dichlorobenzene	0.662	0.634	4.2	97	0.00
88	1,2-Dibromo-3-Chloropropane	0.111	0.105	5.4	91	0.00
89	1,2,4-Trichlorobenzene	0.364	0.342	6.0	97	0.00
90	Hexachlorobutadiene	0.135	0.125	7.4	100	0.00
91 M	Naphthalene	1.385	1.312	5.3	96	0.00
92	1,2,3-Trichlorobenzene	0.364	0.342	6.0	97	0.00

(#) = Out of Range

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