

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061621\
 Data File : VN067363.D
 Acq On : 16 Jun 2021 14:48
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 17 04:18:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N061121W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Jun 12 09:13:15 2021
 Response via : Initial Calibration

Min. RRF : 0.050 Min. Rel. Area : 20% Max. R.T. Dev 0.50min
 Max. RRF Dev : 30% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	92	0.00
2 M	Dichlorodifluoromethane	2.238	2.004	10.5	89	0.00
3 M	Chloromethane	2.399	2.209	7.9	92	0.00
4 M	Vinyl Chloride	2.369	2.083	12.1	88	0.00
5 M	Bromomethane	1.189	1.097	7.7	89	-0.02
6 M	Chloroethane	1.383	1.292	6.6	93	-0.01
7 M	Trichlorofluoromethane	3.164	2.765	12.6	87	0.00
8 T	Diethyl Ether	1.289	1.214	5.8	93	0.00
9	1,1,2-Trichlorotrifluoroeth	1.871	1.703	9.0	90	0.00
10 M	1,1-Dichloroethene	1.817	1.621	10.8	87	0.00
11	Methyl Iodide	2.185	1.631	25.4	79	0.00
12	Methyl Acetate	2.696	2.594	3.8	96	0.00
13 M	Acrolein	0.322	0.355	-10.2	109	0.00
14 M	Acrylonitrile	1.132	1.110	1.9	98	0.00
15 M	Acetone	0.283	0.313	-10.6	111	0.00
16 M	Carbon Disulfide	5.761	5.248	8.9	91	0.00
17	Allyl chloride	3.954	3.569	9.7	91	0.00
18 M	Methylene Chloride	2.229	2.226	0.1	100	0.00
19 M	trans-1,2-Dichloroethene	1.981	1.861	6.1	93	0.00
20 T	Diisopropyl ether	7.673	7.181	6.4	93	0.00
21 M	1,1-Dichloroethane	4.249	4.050	4.7	94	0.00
22 M	cis-1,2-Dichloroethene	2.354	2.283	3.0	95	0.00
23 M	tert-Butyl Alcohol	0.502	0.446	11.2	93	0.00
24 M	Methyl tert-Butyl Ether	7.721	7.441	3.6	96	0.00
25 M	Chloroform	4.351	4.088	6.0	94	0.00
26	Cyclohexane	3.683	3.460	6.1	94	0.00
27 s	1,2-Dichloroethane-d4	3.153	3.241	-2.8	92	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
29	1,1-Dichloropropene	0.537	0.494	8.0	93	0.00
30 M	2-Butanone	0.276	0.275	0.4	102	0.00
31	2,2-Dichloropropane	0.575	0.611	-6.3	104	0.00
32 M	1,1,1-Trichloroethane	0.682	0.588	13.8	84	0.00
33 M	Carbon Tetrachloride	0.574	0.467	18.6	81	0.00
34 M	Benzene	1.510	1.440	4.6	94	0.00
35	Methacrylonitrile	0.297	0.292	1.7	98	0.00
36 M	1,2-Dichloroethane	0.643	0.616	4.2	98	0.00
37 M	Trichloroethene	0.358	0.321	10.3	89	0.00
38	Methylcyclohexane	0.553	0.563	-1.8	104	0.00
39 M	1,2-Dichloropropane	0.408	0.394	3.4	96	0.00
40	Dibromomethane	0.280	0.267	4.6	95	0.00
41 M	Bromodichloromethane	0.604	0.567	6.1	94	0.00
42 M	Vinyl Acetate	1.160	1.108	4.5	96	0.00
43	Ethyl Acetate	0.561	0.528	5.9	94	0.00
44	Isopropyl Acetate	1.037	0.975	6.0	95	0.00
45 T	1,4-Dioxane	0.007	0.006#	14.3	95	0.00
46	Methyl methacrylate	0.460	0.426	7.4	96	0.00
47	n-amyl Acetate	0.879	0.776	11.7	95	0.00
48 M	t-1,3-Dichloropropene	0.667	0.629	5.7	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.670	0.656	2.1	100	0.00
50 M	1,1,2-Trichloroethane	0.364	0.359	1.4	99	0.00
51	Ethyl methacrylate	0.665	0.626	5.9	96	0.00
52	1,3-Dichloropropane	0.663	0.647	2.4	99	0.00
53 M	Dibromochloromethane	0.405	0.348	14.1	88	0.00
54 M	1,2-Dibromoethane	0.379	0.349	7.9	94	0.00
55 M	2-Chloroethyl vinyl ether	0.168	0.182	-8.3	120	0.00
56 M	Bromoform	0.275	0.229	16.7	88	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
58 M	4-Methyl-2-Pentanone	0.659	0.624	5.3	96	0.00
59 M	2-Hexanone	0.477	0.450	5.7	96	0.00
60 S	4-Bromofluorobenzene	0.579	0.561	3.1	89	0.00
61 M	Tetrachloroethene	0.348	0.323	7.2	88	0.00
62 M	Toluene	1.795	1.720	4.2	96	0.00
63 S	Toluene-d8	1.431	1.462	-2.2	92	0.00
64 M	Chlorobenzene	1.055	0.976	7.5	95	0.00
65	1,1,1,2-Tetrachloroethane	0.399	0.352	11.8	88	0.00
66 M	Ethyl Benzene	2.085	1.897	9.0	92	0.00
67 M	m/p-Xylenes	0.735	0.663	9.8	92	0.00
68 M	o-Xylene	0.734	0.670	8.7	93	0.00
69 M	Styrene	1.234	1.131	8.3	94	0.00
70	Isopropylbenzene	1.891	1.744	7.8	94	0.00
71 M	1,1,2,2-Tetrachloroethane	0.575	0.560	2.6	99	0.00
72	1,2,3-Trichloropropane	0.573	0.559	2.4	100	0.00
73	Bromobenzene	0.394	0.354	10.2	93	0.00
74	n-propylbenzene	2.273	2.138	5.9	97	0.00
75	2-Chlorotoluene	1.439	1.305	9.3	93	0.00
76	1,3,5-Trimethylbenzene	1.603	1.496	6.7	96	0.00
77	t-1,4-Dichloro-2-butene	0.200	0.186	7.0	99	0.00
78	4-Chlorotoluene	1.431	1.297	9.4	94	0.00
79	tert-butylbenzene	1.287	1.149	10.7	91	0.00
80	1,2,4-Trimethylbenzene	1.582	1.452	8.2	94	0.00
81	sec-Butylbenzene	1.787	1.693	5.3	98	0.00
82	p-Isopropyltoluene	1.441	1.340	7.0	97	0.00
83 M	1,3-Dichlorobenzene	0.710	0.646	9.0	96	0.00
84 M	1,4-Dichlorobenzene	0.712	0.642	9.8	95	0.00
85	n-Butylbenzene	1.341	1.315	1.9	104	0.00
86 T	Hexachloroethane	0.295	0.248	15.9	91	0.00
87 M	1,2-Dichlorobenzene	0.692	0.624	9.8	93	0.00
88	1,2-Dibromo-3-Chloropropane	0.146	0.124	15.1	86	0.00
89	1,2,4-Trichlorobenzene	0.352	0.317	9.9	95	0.00
90	Hexachlorobutadiene	0.187	0.166	11.2	93	0.00
91 M	Naphthalene	1.182	0.995	15.8	91	0.00
92	1,2,3-Trichlorobenzene	0.343	0.296	13.7	92	0.00

(#) = Out of Range

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