

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092721\
 Data File : VN068711.D
 Acq On : 27 Sep 2021 20:34
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Sep 28 05:30:13 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N092721W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 27 14:37:57 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	93	0.00
2 M	Dichlorodifluoromethane	1.743	1.667	4.4	89	0.00
3 M	Chloromethane	2.232	2.002	10.3	81	0.00
4 M	Vinyl Chloride	2.753	2.388	13.3	81	0.00
5 M	Bromomethane	1.905	1.693	11.1	87	0.00
6 M	Chloroethane	2.011	1.780	11.5	82	0.00
7 M	Trichlorofluoromethane	3.230	2.847	11.9	81	0.00
8 T	Diethyl Ether	1.151	1.003	12.9	83	0.00
9	1,1,2-Trichlorotrifluoroeth	1.783	1.536	13.9	80	0.00
10 M	1,1-Dichloroethene	1.646	1.445	12.2	83	0.00
11	Methyl Iodide	2.108	1.704	19.2	81	0.00
12	Methyl Acetate	3.500	3.088	11.8	84	0.00
13 M	Acrolein	0.109	0.121	-11.0	135	0.00
14 M	Acrylonitrile	1.051	0.877	16.6	79	0.00
15 M	Acetone	0.287	0.224	22.0	71	0.00
16 M	Carbon Disulfide	4.638	3.891	16.1	81	0.00
17	Allyl chloride	3.275	2.776	15.2	81	0.00
18 M	Methylene Chloride	2.017	1.846	8.5	88	0.00
19 M	trans-1,2-Dichloroethene	1.828	1.570	14.1	80	0.00
20 T	Diisopropyl ether	7.207	6.084	15.6	74	0.00
21 M	1,1-Dichloroethane	3.800	3.275	13.8	75	0.00
22 M	cis-1,2-Dichloroethene	2.214	1.877	15.2	79	0.00
23 M	tert-Butyl Alcohol	0.347	0.304	12.4	85	0.00
24 M	Methyl tert-Butyl Ether	6.448	5.571	13.6	79	0.00
25 M	Chloroform	4.092	3.387	17.2	83	0.00
26	Cyclohexane	3.453	2.804	18.8	81	0.00
27 s	1,2-Dichloroethane-d4	2.769	2.549	7.9	91	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
29	1,1-Dichloropropene	0.577	0.429	25.6	82	0.00
30 M	2-Butanone	0.277	0.225	18.8	75	0.00
31	2,2-Dichloropropane	0.587	0.454	22.7	73	0.00
32 M	1,1,1-Trichloroethane	0.660	0.514	22.1	81	0.00
33 M	Carbon Tetrachloride	0.620	0.457	26.3	80	0.00
34 M	Benzene	1.560	1.287	17.5	82	0.00
35	Methacrylonitrile	0.281	0.236	16.0	79	0.00
36 M	1,2-Dichloroethane	0.608	0.483	20.6	79	0.00
37 M	Trichloroethene	0.388	0.332	14.4	85	0.00
38	Methylcyclohexane	0.713	0.484	32.1#	77	0.00
39 M	1,2-Dichloropropane	0.451	0.385	14.6	92	0.00
40	Dibromomethane	0.310	0.274	11.6	84	0.00
41 M	Bromodichloromethane	0.621	0.466	25.0	73	0.00
42 M	Vinyl Acetate	1.011	0.823	18.6	72	0.00
43	Ethyl Acetate	0.536	0.437	18.5	81	0.00
44	Isopropyl Acetate	0.996	0.809	18.8	78	0.00
45 T	1,4-Dioxane	0.007	0.006#	14.3	84	0.00
46	Methyl methacrylate	0.517	0.440	14.9	81	0.00
47	n-amyl Acetate	0.909	0.933	-2.6	130	0.00
48 M	t-1,3-Dichloropropene	0.669	0.494	26.2	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	cis-1,3-Dichloropropene	0.689	0.705	-2.3	107	0.00
50 M	1,1,2-Trichloroethane	0.414	0.384	7.2	99	0.00
51	Ethyl methacrylate	0.652	0.501	23.2	82	0.00
52	1,3-Dichloropropane	0.674	0.552	18.1	82	0.00
53 M	Dibromochloromethane	0.486	0.356	26.7	74	0.00
54 M	1,2-Dibromoethane	0.429	0.327	23.8	82	0.00
55 M	2-Chloroethyl vinyl ether	0.187	0.181	3.2	119	0.00
56 M	Bromoform	0.346	0.351	-1.4	120	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	139	0.00
58 M	4-Methyl-2-Pentanone	0.653	0.371	43.2#	80	0.00
59 M	2-Hexanone	0.489	0.256	47.6#	79	0.00
60 S	4-Bromofluorobenzene	0.536	0.494	7.8	146	0.00
61 M	Tetrachloroethene	0.370	0.217	41.4#	85	0.00
62 M	Toluene	1.916	1.034	46.0#	82	0.00
63 S	Toluene-d8	1.401	0.935	33.3#	93	0.00
64 M	Chlorobenzene	1.105	0.920	16.7	123	0.00
65	1,1,1,2-Tetrachloroethane	0.457	0.352	23.0	111	0.00
66 M	Ethyl Benzene	2.192	1.683	23.2	115	0.00
67 M	m/p-Xylenes	0.837	0.637	23.9	125	0.00
68 M	o-Xylene	0.867	0.630	27.3	116	0.00
69 M	Styrene	1.463	0.990	32.3#	115	0.00
70	Isopropylbenzene	2.244	1.627	27.5	119	0.00
71 M	1,1,2,2-Tetrachloroethane	0.641	0.508	20.7	118	0.00
72	1,2,3-Trichloropropane	0.612	0.437	28.6	101	0.00
73	Bromobenzene	0.501	0.364	27.3	107	0.00
74	n-propylbenzene	2.577	1.875	27.2	108	0.00
75	2-Chlorotoluene	1.481	1.138	23.2	109	0.00
76	1,3,5-Trimethylbenzene	1.757	1.359	22.7	108	0.00
77	t-1,4-Dichloro-2-butene	0.219	0.145	33.8#	122	0.00
78	4-Chlorotoluene	1.438	1.094	23.9	110	0.00
79	tert-butylbenzene	1.481	1.186	19.9	118	0.00
80	1,2,4-Trimethylbenzene	1.601	1.318	17.7	121	0.00
81	sec-Butylbenzene	1.960	1.638	16.4	124	0.00
82	p-Isopropyltoluene	1.758	1.312	25.4	124	0.00
83 M	1,3-Dichlorobenzene	0.842	0.629	25.3	122	0.00
84 M	1,4-Dichlorobenzene	0.774	0.606	21.7	123	0.00
85	n-Butylbenzene	1.400	1.026	26.7	121	0.00
86 T	Hexachloroethane	0.336	0.245	27.1	105	0.00
87 M	1,2-Dichlorobenzene	0.760	0.604	20.5	121	0.00
88	1,2-Dibromo-3-Chloropropane	0.121	0.091	24.8	125	0.00
89	1,2,4-Trichlorobenzene	0.381	0.273	28.3	118	0.00
90	Hexachlorobutadiene	0.210	0.151	28.1	106	0.00
91 M	Naphthalene	0.991	0.702	29.2	120	0.00
92	1,2,3-Trichlorobenzene	0.363	0.247	32.0#	105	0.00

(#) = Out of Range

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