

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101818\
 Data File : VN051908.D
 Acq On : 18 Oct 2018 11:19
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Oct 18 15:00:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 12 10:23:44 2018
 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	89	0.00
2 M	Dichlorodifluoromethane	1.166	1.227	-5.2	95	0.00
3 M	Chloromethane	1.232	1.145	7.1	80	0.00
4 M	Vinyl Chloride	1.840	1.722	6.4	79	0.00
5 M	Bromomethane	1.625	1.533	5.7	84	0.00
6 M	Chloroethane	1.326	1.278	3.6	81	0.00
7 M	Trichlorofluoromethane	2.623	2.776	-5.8	101	0.00
8 T	Diethyl Ether	0.763	0.741	2.9	84	0.00
9	1,1,2-Trichlorotrifluoroeth	1.494	1.598	-7.0	92	0.00
10 M	1,1-Dichloroethene	1.381	1.383	-0.1	86	0.00
11	Methyl Iodide	2.008	1.671	16.8	76	0.00
12	Methyl Acetate	0.858	0.860	-0.2	85	0.00
13 M	Acrolein	0.057	0.041#	28.1	66	0.00
14 M	Acrylonitrile	0.383	0.348	9.1	79	0.00
15 M	Acetone	0.095	0.103	-8.4	91	0.00
16 M	Carbon Disulfide	3.627	3.207	11.6	79	0.00
17	Allyl chloride	1.640	1.502	8.4	77	0.00
18 M	Methylene Chloride	1.544	1.527	1.1	85	0.00
19 M	trans-1,2-Dichloroethene	1.577	1.543	2.2	84	0.00
20 T	Diisopropyl ether	3.652	3.379	7.5	79	0.00
21 M	1,1-Dichloroethane	2.552	2.459	3.6	82	0.00
22 M	cis-1,2-Dichloroethene	1.852	1.822	1.6	87	0.00
23 M	tert-Butyl Alcohol	0.101	0.091	9.9	81	0.00
24 M	Methyl tert-Butyl Ether	3.979	3.820	4.0	84	0.00
25 M	Chloroform	3.027	3.024	0.1	86	0.00
26	Cyclohexane	2.163	2.001	7.5	80	0.00
27 s	1,2-Dichloroethane-d4	1.825	1.827	-0.1	84	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
29	1,1-Dichloropropene	0.387	0.376	2.8	86	0.00
30 M	2-Butanone	0.081	0.077	4.9	83	0.00
31	2,2-Dichloropropane	0.455	0.426	6.4	82	0.00
32 M	1,1,1-Trichloroethane	0.513	0.496	3.3	87	0.00
33 M	Carbon Tetrachloride	0.464	0.432	6.9	83	0.00
34 M	Benzene	1.144	1.093	4.5	84	0.00
35	Methacrylonitrile	0.106	0.086	18.9	74	-0.01
36 M	1,2-Dichloroethane	0.367	0.351	4.4	85	0.00
37 M	Trichloroethene	0.355	0.342	3.7	85	0.00
38	Methylcyclohexane	0.496	0.457	7.9	82	0.00
39 M	1,2-Dichloropropane	0.269	0.253	5.9	81	0.00
40	Dibromomethane	0.200	0.190	5.0	86	0.00
41 M	Bromodichloromethane	0.413	0.377	8.7	81	0.00
42 M	Vinyl Acetate	0.455	0.399	12.3	77	0.00
43	Ethyl Acetate	0.176	0.158	10.2	77	0.00
44	Isopropyl Acetate	0.351	0.305	13.1	76	0.00
45 T	1,4-Dioxane	0.003	0.003#	0.0	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.162	0.142	12.3	77	0.00
47	n-amyl Acetate	0.293	0.222	24.2	72	0.00
48 M	t-1,3-Dichloropropene	0.403	0.342	15.1	79	0.00
49 T	cis-1,3-Dichloropropene	0.444	0.395	11.0	80	0.00
50 M	1,1,2-Trichloroethane	0.276	0.265	4.0	85	0.00
51	Ethyl methacrylate	0.316	0.282	10.8	80	0.00
52	1,3-Dichloropropane	0.426	0.389	8.7	81	0.00
53 M	Dibromochloromethane	0.342	0.298	12.9	82	0.00
54 M	1,2-Dibromoethane	0.290	0.256	11.7	82	0.00
55 M	2-Chloroethyl vinyl ether	0.135	0.118	12.6	78	0.00
56 M	Bromoform	0.225	0.180	20.0	82	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
58 M	4-Methyl-2-Pentanone	0.201	0.193	4.0	81	0.00
59 M	2-Hexanone	0.135	0.127	5.9	82	0.00
60 S	4-Bromofluorobenzene	0.433	0.404	6.7	82	0.00
61 M	Tetrachloroethene	0.384	0.399	-3.9	87	0.00
62 M	Toluene	1.490	1.459	2.1	83	0.00
63 S	Toluene-d8	1.303	1.343	-3.1	86	0.00
64 M	Chlorobenzene	0.976	0.936	4.1	84	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.367	2.1	84	0.00
66 M	Ethyl Benzene	1.647	1.572	4.6	82	0.00
67 M	m/p-Xylenes	0.668	0.628	6.0	82	0.00
68 M	o-Xylene	0.658	0.616	6.4	82	0.00
69 M	Styrene	1.010	0.889	12.0	80	0.00
70	Isopropylbenzene	1.756	1.672	4.8	84	0.00
71 M	1,1,2,2-Tetrachloroethane	0.347	0.326	6.1	81	0.00
72	1,2,3-Trichloropropane	0.273	0.255	6.6	84	0.00
73	Bromobenzene	0.435	0.403	7.4	84	0.00
74	n-propylbenzene	1.888	1.748	7.4	82	0.00
75	2-Chlorotoluene	1.107	1.046	5.5	83	0.00
76	1,3,5-Trimethylbenzene	1.452	1.344	7.4	82	0.00
77	t-1,4-Dichloro-2-butene	0.090	0.068	24.4	74	0.00
78	4-Chlorotoluene	1.088	0.960	11.8	79	0.00
79	tert-butylbenzene	1.335	1.255	6.0	83	0.00
80	1,2,4-Trimethylbenzene	1.451	1.323	8.8	80	0.00
81	sec-Butylbenzene	1.746	1.626	6.9	82	0.00
82	p-Isopropyltoluene	1.563	1.407	10.0	82	0.00
83 M	1,3-Dichlorobenzene	0.767	0.646	15.8	79	0.00
84 M	1,4-Dichlorobenzene	0.722	0.601	16.8	80	0.00
85	n-Butylbenzene	1.178	0.992	15.8	77	0.00
86 T	Hexachloroethane	0.269	0.228	15.2	79	0.00
87 M	1,2-Dichlorobenzene	0.743	0.661	11.0	82	0.00
88	1,2-Dibromo-3-Chloropropane	0.052	0.043#	17.3	75	0.00
89	1,2,4-Trichlorobenzene	0.346	0.217	37.3#	68	0.00
90	Hexachlorobutadiene	0.239	0.230	3.8	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.704	0.416	40.9#	68	0.00
92	1,2,3-Trichlorobenzene	0.338	0.244	27.8	74	0.00

(#) = Out of Range

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