

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN112918\
 Data File : VN052579.D
 Acq On : 29 Nov 2018 21:58
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Nov 30 04:07:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N112618W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Nov 27 00:48:33 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	100	0.00
2 M	Dichlorodifluoromethane	1.709	1.556	9.0	88	0.00
3 M	Chloromethane	2.266	2.028	10.5	89	0.00
4 M	Vinyl Chloride	2.287	2.146	6.2	94	0.00
5 M	Bromomethane	1.304	1.325	-1.6	103	0.00
6 M	Chloroethane	1.360	1.316	3.2	95	0.00
7 M	Trichlorofluoromethane	2.823	2.712	3.9	96	0.00
8 T	Diethyl Ether	1.042	1.014	2.7	100	0.00
9	1,1,2-Trichlorotrifluoroeth	1.789	1.643	8.2	89	0.00
10 M	1,1-Dichloroethene	1.682	1.602	4.8	96	0.00
11	Methyl Iodide	2.336	2.240	4.1	100	0.00
12	Methyl Acetate	1.429	1.379	3.5	96	0.00
13 M	Acrolein	0.168	0.144	14.3	93	0.00
14 M	Acrylonitrile	0.609	0.574	5.7	92	0.00
15 M	Acetone	0.158	0.131	17.1	76	0.00
16 M	Carbon Disulfide	5.326	4.682	12.1	89	0.00
17	Allyl chloride	2.934	2.507	14.6	85	0.00
18 M	Methylene Chloride	1.948	1.876	3.7	97	0.00
19 M	trans-1,2-Dichloroethene	1.810	1.754	3.1	98	0.00
20 T	Diisopropyl ether	6.166	5.769	6.4	93	0.00
21 M	1,1-Dichloroethane	3.514	3.319	5.5	95	0.00
22 M	cis-1,2-Dichloroethene	2.075	1.987	4.2	96	0.00
23 M	tert-Butyl Alcohol	0.091	0.097	-6.6	105	0.00
24 M	Methyl tert-Butyl Ether	4.413	4.415	-0.0	100	0.00
25 M	Chloroform	3.390	3.274	3.4	97	0.00
26	Cyclohexane	3.314	3.006	9.3	90	0.00
27 s	1,2-Dichloroethane-d4	2.044	2.030	0.7	99	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
29	1,1-Dichloropropene	0.458	0.431	5.9	94	0.00
30 M	2-Butanone	0.123	0.110	10.6	88	0.00
31	2,2-Dichloropropane	0.422	0.369	12.6	90	0.00
32 M	1,1,1-Trichloroethane	0.477	0.458	4.0	98	0.00
33 M	Carbon Tetrachloride	0.417	0.398	4.6	97	0.00
34 M	Benzene	1.377	1.313	4.6	95	0.00
35	Methacrylonitrile	0.152	0.128	15.8	83	0.00
36 M	1,2-Dichloroethane	0.417	0.398	4.6	96	0.00
37 M	Trichloroethene	0.349	0.342	2.0	99	0.00
38	Methylcyclohexane	0.567	0.501	11.6	87	0.00
39 M	1,2-Dichloropropane	0.369	0.346	6.2	94	0.00
40	Dibromomethane	0.200	0.195	2.5	98	0.00
41 M	Bromodichloromethane	0.441	0.420	4.8	97	0.00
42 M	Vinyl Acetate	0.663	0.625	5.7	96	0.00
43	Ethyl Acetate	0.261	0.251	3.8	93	0.00
44	Isopropyl Acetate	0.457	0.488	-6.8	109	0.00
45 T	1,4-Dioxane	0.003	0.003#	0.0	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.237	0.229	3.4	98	0.00
47	n-amyl Acetate	0.379	0.365	3.7	103	0.00
48 M	t-1,3-Dichloropropene	0.427	0.396	7.3	98	0.00
49 T	cis-1,3-Dichloropropene	0.521	0.479	8.1	94	0.00
50 M	1,1,2-Trichloroethane	0.283	0.281	0.7	98	0.00
51	Ethyl methacrylate	0.355	0.348	2.0	102	0.00
52	1,3-Dichloropropane	0.503	0.486	3.4	96	0.00
53 M	Dibromochloromethane	0.311	0.297	4.5	96	0.00
54 M	1,2-Dibromoethane	0.276	0.275	0.4	101	0.00
55 M	2-Chloroethyl vinyl ether	0.208	0.205	1.4	98	0.00
56 M	Bromoform	0.204	0.196	3.9	99	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
58 M	4-Methyl-2-Pentanone	0.291	0.291	0.0	96	0.00
59 M	2-Hexanone	0.199	0.190	4.5	91	0.00
60 S	4-Bromofluorobenzene	0.459	0.457	0.4	99	0.00
61 M	Tetrachloroethene	0.369	0.387	-4.9	101	0.00
62 M	Toluene	1.654	1.618	2.2	96	0.00
63 S	Toluene-d8	1.391	1.393	-0.1	98	0.00
64 M	Chlorobenzene	1.009	0.981	2.8	97	0.00
65	1,1,1,2-Tetrachloroethane	0.350	0.347	0.9	100	0.00
66 M	Ethyl Benzene	1.782	1.709	4.1	95	0.00
67 M	m/p-Xylenes	0.664	0.648	2.4	96	0.00
68 M	o-Xylene	0.645	0.636	1.4	98	0.00
69 M	Styrene	1.040	1.013	2.6	96	0.00
70	Isopropylbenzene	1.715	1.693	1.3	98	0.00
71 M	1,1,2,2-Tetrachloroethane	0.373	0.377	-1.1	98	0.00
72	1,2,3-Trichloropropane	0.320	0.317	0.9	103	0.00
73	Bromobenzene	0.415	0.417	-0.5	101	0.00
74	n-propylbenzene	1.998	1.897	5.1	93	0.00
75	2-Chlorotoluene	1.160	1.123	3.2	95	0.00
76	1,3,5-Trimethylbenzene	1.385	1.355	2.2	96	0.00
77	t-1,4-Dichloro-2-butene	0.101	0.088	12.9	92	0.00
78	4-Chlorotoluene	1.158	1.105	4.6	94	0.00
79	tert-butylbenzene	1.206	1.201	0.4	97	0.00
80	1,2,4-Trimethylbenzene	1.386	1.361	1.8	95	0.00
81	sec-Butylbenzene	1.680	1.603	4.6	93	0.00
82	p-Isopropyltoluene	1.431	1.376	3.8	95	0.00
83 M	1,3-Dichlorobenzene	0.729	0.708	2.9	97	0.00
84 M	1,4-Dichlorobenzene	0.705	0.685	2.8	97	0.00
85	n-Butylbenzene	1.229	1.091	11.2	88	0.00
86 T	Hexachloroethane	0.242	0.225	7.0	93	0.00
87 M	1,2-Dichlorobenzene	0.694	0.692	0.3	98	0.00
88	1,2-Dibromo-3-Chloropropane	0.052	0.053	-1.9	103	0.00
89	1,2,4-Trichlorobenzene	0.342	0.320	6.4	97	0.00
90	Hexachlorobutadiene	0.224	0.217	3.1	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.691	0.682	1.3	102	0.00
92	1,2,3-Trichlorobenzene	0.315	0.309	1.9	100	0.00

(#) = Out of Range

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