

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052877.D
 Acq On : 14 Dec 2018 9:45
 Operator : MD\SY
 Sample : VSTDCCC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC020

Quant Time: Dec 14 11:09:23 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	93	0.00
2 M	Dichlorodifluoromethane	1.709	1.587	7.1	83	0.00
3 M	Chloromethane	2.266	2.059	9.1	84	0.00
4 M	Vinyl Chloride	2.287	2.182	4.6	88	0.00
5 M	Bromomethane	1.304	1.367	-4.8	98	0.00
6 M	Chloroethane	1.360	1.322	2.8	89	0.00
7 M	Trichlorofluoromethane	2.823	2.833	-0.4	93	0.00
8 T	Diethyl Ether	1.042	1.092	-4.8	100	0.00
9	1,1,2-Trichlorotrifluoroeth	1.789	1.839	-2.8	92	0.00
10 M	1,1-Dichloroethene	1.682	1.720	-2.3	95	0.00
11	Methyl Iodide	2.336	2.303	1.4	95	0.00
12	Methyl Acetate	1.429	1.474	-3.1	95	0.00
13 M	Acrolein	0.168	0.143	14.9	85	0.00
14 M	Acrylonitrile	0.609	0.630	-3.4	93	0.00
15 M	Acetone	0.158	0.164	-3.8	88	0.00
16 M	Carbon Disulfide	5.326	4.732	11.2	83	0.00
17	Allyl chloride	2.934	2.590	11.7	81	0.00
18 M	Methylene Chloride	1.948	1.982	-1.7	95	0.00
19 M	trans-1,2-Dichloroethene	1.810	1.844	-1.9	95	0.00
20 T	Diisopropyl ether	6.166	6.154	0.2	92	0.00
21 M	1,1-Dichloroethane	3.514	3.535	-0.6	94	0.00
22 M	cis-1,2-Dichloroethene	2.075	2.172	-4.7	96	0.00
23 M	tert-Butyl Alcohol	0.091	0.104	-14.3	104	0.00
24 M	Methyl tert-Butyl Ether	4.413	4.726	-7.1	99	0.00
25 M	Chloroform	3.390	3.474	-2.5	95	0.00
26	Cyclohexane	3.314	3.143	5.2	87	0.00
27 s	1,2-Dichloroethane-d4	2.044	1.920	6.1	87	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
29	1,1-Dichloropropene	0.458	0.468	-2.2	94	0.00
30 M	2-Butanone	0.123	0.131	-6.5	96	0.00
31	2,2-Dichloropropane	0.422	0.451	-6.9	101	0.00
32 M	1,1,1-Trichloroethane	0.477	0.503	-5.5	98	0.00
33 M	Carbon Tetrachloride	0.417	0.436	-4.6	97	0.00
34 M	Benzene	1.377	1.411	-2.5	94	0.00
35	Methacrylonitrile	0.152	0.159	-4.6	95	0.00
36 M	1,2-Dichloroethane	0.417	0.431	-3.4	95	0.00
37 M	Trichloroethene	0.349	0.383	-9.7	102	0.00
38	Methylcyclohexane	0.567	0.558	1.6	89	0.00
39 M	1,2-Dichloropropane	0.369	0.373	-1.1	93	0.00
40	Dibromomethane	0.200	0.213	-6.5	98	0.00
41 M	Bromodichloromethane	0.441	0.453	-2.7	96	0.00
42 M	Vinyl Acetate	0.663	0.635	4.2	89	0.00
43	Ethyl Acetate	0.261	0.654	-150.6#	224#	-0.10
44	Isopropyl Acetate	0.457	0.503	-10.1	103	0.00
45 T	1,4-Dioxane	0.003	0.003#	0.0	109	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.237	0.247	-4.2	97	0.00
47	n-amyl Acetate	0.379	0.422	-11.3	109	0.00
48 M	t-1,3-Dichloropropene	0.427	0.446	-4.4	102	0.00
49 T	cis-1,3-Dichloropropene	0.521	0.533	-2.3	96	0.00
50 M	1,1,2-Trichloroethane	0.283	0.305	-7.8	98	0.00
51	Ethyl methacrylate	0.355	0.383	-7.9	103	0.00
52	1,3-Dichloropropane	0.503	0.528	-5.0	96	0.00
53 M	Dibromochloromethane	0.311	0.338	-8.7	101	0.00
54 M	1,2-Dibromoethane	0.276	0.299	-8.3	100	0.00
55 M	2-Chloroethyl vinyl ether	0.208	0.222	-6.7	97	0.00
56 M	Bromoform	0.204	0.223	-9.3	104	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
58 M	4-Methyl-2-Pentanone	0.291	0.311	-6.9	97	0.00
59 M	2-Hexanone	0.199	0.229	-15.1	103	0.00
60 S	4-Bromofluorobenzene	0.459	0.467	-1.7	95	0.00
61 M	Tetrachloroethene	0.369	0.461	-24.9	113	0.00
62 M	Toluene	1.654	1.734	-4.8	96	0.00
63 S	Toluene-d8	1.391	1.342	3.5	89	0.00
64 M	Chlorobenzene	1.009	1.076	-6.6	99	0.00
65	1,1,1,2-Tetrachloroethane	0.350	0.380	-8.6	102	0.00
66 M	Ethyl Benzene	1.782	1.858	-4.3	97	0.00
67 M	m/p-Xylenes	0.664	0.707	-6.5	98	0.00
68 M	o-Xylene	0.645	0.695	-7.8	100	0.00
69 M	Styrene	1.040	1.126	-8.3	100	0.00
70	Isopropylbenzene	1.715	1.856	-8.2	100	0.00
71 M	1,1,2,2-Tetrachloroethane	0.373	0.395	-5.9	96	0.00
72	1,2,3-Trichloropropane	0.320	0.374	-16.9	114	0.00
73	Bromobenzene	0.415	0.470	-13.3	106	0.00
74	n-propylbenzene	1.998	2.114	-5.8	97	0.00
75	2-Chlorotoluene	1.160	1.249	-7.7	99	0.00
76	1,3,5-Trimethylbenzene	1.385	1.522	-9.9	100	0.00
77	t-1,4-Dichloro-2-butene	0.101	0.108	-6.9	105	0.00
78	4-Chlorotoluene	1.158	1.256	-8.5	100	0.00
79	tert-butylbenzene	1.206	1.329	-10.2	101	0.00
80	1,2,4-Trimethylbenzene	1.386	1.522	-9.8	100	0.00
81	sec-Butylbenzene	1.680	1.818	-8.2	99	0.00
82	p-Isopropyltoluene	1.431	1.576	-10.1	102	0.00
83 M	1,3-Dichlorobenzene	0.729	0.825	-13.2	106	0.00
84 M	1,4-Dichlorobenzene	0.705	0.814	-15.5	108	0.00
85	n-Butylbenzene	1.229	1.293	-5.2	98	0.00
86 T	Hexachloroethane	0.242	0.250	-3.3	97	0.00
87 M	1,2-Dichlorobenzene	0.694	0.799	-15.1	106	0.00
88	1,2-Dibromo-3-Chloropropane	0.052	0.060	-15.4	109	0.00
89	1,2,4-Trichlorobenzene	0.342	0.438	-28.1	124	0.00
90	Hexachlorobutadiene	0.224	0.266	-18.8	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.691	0.869	-25.8	122	0.00
92	1,2,3-Trichlorobenzene	0.315	0.394	-25.1	119	0.00

(#) = Out of Range

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