

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092818\
 Data File : VN051616.D
 Acq On : 28 Sep 2018 14:57
 Operator : MD\SY
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 11 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 ICSVN092818

Quant Time: Sep 29 02:25:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N092818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Sep 29 01:07:29 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	97	0.00
2 M	Dichlorodifluoromethane	2.633	2.875	-9.2	96	0.00
3 M	Chloromethane	2.946	3.028	-2.8	93	0.00
4 M	Vinyl Chloride	2.890	3.261	-12.8	105	0.00
5 M	Bromomethane	1.501	1.357	9.6	83	0.00
6 M	Chloroethane	1.450	1.548	-6.8	91	0.00
7 M	Trichlorofluoromethane	3.531	3.649	-3.3	96	0.00
8 T	Diethyl Ether	1.109	1.085	2.2	92	0.00
9	1,1,2-Trichlorotrifluoroeth	1.996	2.132	-6.8	98	0.00
10 M	1,1-Dichloroethene	1.811	1.824	-0.7	93	0.00
11	Methyl Iodide	2.332	2.346	-0.6	97	0.00
12	Methyl Acetate	1.599	1.544	3.4	89	0.00
13 M	Acrolein	0.177	0.150	15.3	85	0.00
14 M	Acrylonitrile	0.640	0.615	3.9	90	0.00
15 M	Acetone	0.168	0.170	-1.2	93	0.00
16 M	Carbon Disulfide	5.837	5.685	2.6	91	0.00
17	Allyl chloride	3.240	3.151	2.7	92	0.00
18 M	Methylene Chloride	2.083	2.103	-1.0	93	0.00
19 M	trans-1,2-Dichloroethene	1.923	1.910	0.7	92	0.00
20 T	Diisopropyl ether	6.428	6.630	-3.1	92	0.00
21 M	1,1-Dichloroethane	3.810	3.855	-1.2	93	0.00
22 M	cis-1,2-Dichloroethene	2.100	2.056	2.1	90	0.00
23 M	tert-Butyl Alcohol	0.122	0.117	4.1	92	0.00
24 M	Methyl tert-Butyl Ether	4.761	4.693	1.4	93	0.00
25 M	Chloroform	3.643	3.685	-1.2	92	0.00
26	Cyclohexane	3.297	3.315	-0.5	93	0.00
27 s	1,2-Dichloroethane-d4	2.089	2.101	-0.6	96	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
29	1,1-Dichloropropene	0.512	0.513	-0.2	94	0.00
30 M	2-Butanone	0.139	0.135	2.9	94	0.00
31	2,2-Dichloropropane	0.552	0.563	-2.0	95	0.00
32 M	1,1,1-Trichloroethane	0.575	0.579	-0.7	95	0.00
33 M	Carbon Tetrachloride	0.517	0.521	-0.8	95	0.00
34 M	Benzene	1.518	1.544	-1.7	96	0.00
35	Methacrylonitrile	0.157	0.132	15.9	77	0.00
36 M	1,2-Dichloroethane	0.484	0.476	1.7	93	0.00
37 M	Trichloroethene	0.390	0.393	-0.8	97	0.00
38	Methylcyclohexane	0.590	0.578	2.0	95	0.00
39 M	1,2-Dichloropropane	0.416	0.424	-1.9	95	0.00
40	Dibromomethane	0.231	0.233	-0.9	95	0.00
41 M	Bromodichloromethane	0.504	0.504	0.0	94	0.00
42 M	Vinyl Acetate	0.775	0.749	3.4	92	0.00
43	Ethyl Acetate	0.295	0.300	-1.7	94	0.00
44	Isopropyl Acetate	0.577	0.548	5.0	94	0.00
45 T	1,4-Dioxane	0.003	0.003#	0.0	98	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.268	0.257	4.1	92	0.00
47	n-amyl Acetate	0.432	0.392	9.3	93	0.00
48 M	t-1,3-Dichloropropene	0.503	0.474	5.8	92	0.00
49 T	cis-1,3-Dichloropropene	0.588	0.576	2.0	94	0.00
50 M	1,1,2-Trichloroethane	0.326	0.325	0.3	94	0.00
51	Ethyl methacrylate	0.396	0.368	7.1	91	0.00
52	1,3-Dichloropropane	0.560	0.553	1.3	93	0.00
53 M	Dibromochloromethane	0.372	0.364	2.2	94	0.00
54 M	1,2-Dibromoethane	0.313	0.307	1.9	95	0.00
55 M	2-Chloroethyl vinyl ether	0.196	0.185	5.6	91	0.00
56 M	Bromoform	0.247	0.232	6.1	91	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
58 M	4-Methyl-2-Pentanone	0.341	0.345	-1.2	95	0.00
59 M	2-Hexanone	0.224	0.222	0.9	94	0.00
60 S	4-Bromofluorobenzene	0.461	0.462	-0.2	98	0.00
61 M	Tetrachloroethene	0.425	0.442	-4.0	95	0.00
62 M	Toluene	1.840	1.855	-0.8	94	0.00
63 S	Toluene-d8	1.415	1.450	-2.5	98	0.00
64 M	Chlorobenzene	1.112	1.104	0.7	94	0.00
65	1,1,1,2-Tetrachloroethane	0.425	0.429	-0.9	95	0.00
66 M	Ethyl Benzene	1.883	1.853	1.6	93	0.00
67 M	m/p-Xylenes	0.726	0.739	-1.8	95	0.00
68 M	o-Xylene	0.693	0.695	-0.3	96	0.00
69 M	Styrene	1.087	1.074	1.2	93	0.00
70	Isopropylbenzene	1.848	1.883	-1.9	95	0.00
71 M	1,1,2,2-Tetrachloroethane	0.447	0.441	1.3	93	0.00
72	1,2,3-Trichloropropane	0.382	0.398	-4.2	92	0.00
73	Bromobenzene	0.460	0.459	0.2	96	0.00
74	n-propylbenzene	2.151	2.162	-0.5	96	0.00
75	2-Chlorotoluene	1.284	1.309	-1.9	95	0.00
76	1,3,5-Trimethylbenzene	1.544	1.577	-2.1	96	0.00
77	t-1,4-Dichloro-2-butene	0.121	0.114	5.8	94	0.00
78	4-Chlorotoluene	1.269	1.281	-0.9	96	0.00
79	tert-butylbenzene	1.338	1.346	-0.6	96	0.00
80	1,2,4-Trimethylbenzene	1.542	1.590	-3.1	95	0.00
81	sec-Butylbenzene	1.848	1.893	-2.4	97	0.00
82	p-Isopropyltoluene	1.579	1.611	-2.0	96	0.00
83 M	1,3-Dichlorobenzene	0.801	0.803	-0.2	97	0.00
84 M	1,4-Dichlorobenzene	0.753	0.739	1.9	94	0.00
85	n-Butylbenzene	1.296	1.259	2.9	96	0.00
86 T	Hexachloroethane	0.316	0.314	0.6	94	0.00
87 M	1,2-Dichlorobenzene	0.784	0.778	0.8	94	0.00
88	1,2-Dibromo-3-Chloropropane	0.065	0.063	3.1	92	0.00
89	1,2,4-Trichlorobenzene	0.367	0.311	15.3	90	0.00
90	Hexachlorobutadiene	0.299	0.321	-7.4	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.689	0.515	25.3	88	0.00
92	1,2,3-Trichlorobenzene	0.369	0.330	10.6	93	0.00

(#) = Out of Range

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