

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN042619\
 Data File : VN055255.D
 Acq On : 25 Apr 2019 20:31
 Operator : JC/SP
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN042619

Quant Time: Apr 26 05:29:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N042619W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 26 05:19:18 2019
 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	102	0.00
2 M	Dichlorodifluoromethane	1.636	1.543	5.7	97	0.00
3 M	Chloromethane	2.288	2.230	2.5	102	0.00
4 M	Vinyl Chloride	1.865	1.832	1.8	100	0.00
5 M	Bromomethane	1.039	1.111	-6.9	108	0.00
6 M	Chloroethane	1.039	1.038	0.1	103	0.00
7 M	Trichlorofluoromethane	2.742	2.770	-1.0	104	0.00
8 T	Diethyl Ether	1.113	1.103	0.9	105	0.00
9	1,1,2-Trichlorotrifluoroeth	1.745	1.709	2.1	100	0.00
10 M	1,1-Dichloroethene	1.625	1.578	2.9	100	0.00
11	Methyl Iodide	2.555	2.332	8.7	96	0.00
12	Methyl Acetate	2.358	2.414	-2.4	103	0.00
13 M	Acrolein	0.105	0.102	2.9	108	0.00
14 M	Acrylonitrile	0.837	0.847	-1.2	101	0.00
15 M	Acetone	0.202	0.185	8.4	88	0.00
16 M	Carbon Disulfide	4.415	4.310	2.4	105	0.00
17	Allyl chloride	3.498	3.483	0.4	107	0.00
18 M	Methylene Chloride	2.017	1.935	4.1	97	0.00
19 M	trans-1,2-Dichloroethene	1.770	1.750	1.1	101	0.00
20 T	Diisopropyl ether	7.132	7.216	-1.2	101	0.00
21 M	1,1-Dichloroethane	3.706	3.626	2.2	99	0.00
22 M	cis-1,2-Dichloroethene	2.050	2.008	2.0	103	0.00
23 M	tert-Butyl Alcohol	0.171	0.175	-2.3	111	0.00
24 M	Methyl tert-Butyl Ether	5.294	5.296	-0.0	104	0.00
25 M	Chloroform	3.483	3.550	-1.9	103	0.00
26	Cyclohexane	3.219	3.139	2.5	103	0.00
27 s	1,2-Dichloroethane-d4	2.368	2.329	1.6	100	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
29	1,1-Dichloropropene	0.475	0.472	0.6	104	0.00
30 M	2-Butanone	0.193	0.184	4.7	95	0.00
31	2,2-Dichloropropane	0.450	0.427	5.1	97	0.00
32 M	1,1,1-Trichloroethane	0.529	0.518	2.1	101	0.00
33 M	Carbon Tetrachloride	0.441	0.429	2.7	103	0.00
34 M	Benzene	1.423	1.390	2.3	101	0.00
35	Methacrylonitrile	0.222	0.212	4.5	87	0.00
36 M	1,2-Dichloroethane	0.508	0.501	1.4	101	0.00
37 M	Trichloroethene	0.359	0.356	0.8	103	0.00
38	Methylcyclohexane	0.509	0.485	4.7	101	0.00
39 M	1,2-Dichloropropane	0.407	0.395	2.9	99	0.00
40	Dibromomethane	0.236	0.233	1.3	99	0.00
41 M	Bromodichloromethane	0.480	0.466	2.9	102	0.00
42 M	Vinyl Acetate	0.923	0.901	2.4	103	0.00
43	Ethyl Acetate	0.399	0.401	-0.5	96	0.00
44	Isopropyl Acetate	0.735	0.725	1.4	100	0.00
45 T	1,4-Dioxane	0.004	0.004#	0.0	100	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.346	0.340	1.7	100	0.00
47	n-amyl Acetate	0.523	0.475	9.2	101	0.00
48 M	t-1,3-Dichloropropene	0.472	0.446	5.5	103	0.00
49 T	cis-1,3-Dichloropropene	0.548	0.525	4.2	102	0.00
50 M	1,1,2-Trichloroethane	0.322	0.321	0.3	101	0.00
51	Ethyl methacrylate	0.438	0.405	7.5	102	0.00
52	1,3-Dichloropropane	0.570	0.552	3.2	100	0.00
53 M	Dibromochloromethane	0.333	0.319	4.2	102	0.00
54 M	1,2-Dibromoethane	0.312	0.305	2.2	103	0.00
55 M	2-Chloroethyl vinyl ether	0.132	0.122	7.6	104	0.00
56 M	Bromoform	0.218	0.196	10.1	96	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
58 M	4-Methyl-2-Pentanone	0.468	0.465	0.6	100	0.00
59 M	2-Hexanone	0.300	0.291	3.0	98	0.00
60 S	4-Bromofluorobenzene	0.460	0.449	2.4	103	0.00
61 M	Tetrachloroethene	0.389	0.387	0.5	95	0.00
62 M	Toluene	1.697	1.674	1.4	100	0.00
63 S	Toluene-d8	1.425	1.442	-1.2	102	0.00
64 M	Chlorobenzene	1.006	0.998	0.8	101	0.00
65	1,1,1,2-Tetrachloroethane	0.375	0.380	-1.3	105	0.00
66 M	Ethyl Benzene	1.804	1.808	-0.2	103	0.00
67 M	m/p-Xylenes	0.661	0.660	0.2	101	0.00
68 M	o-Xylene	0.659	0.667	-1.2	100	0.00
69 M	Styrene	1.021	0.989	3.1	102	0.00
70	Isopropylbenzene	1.736	1.767	-1.8	102	0.00
71 M	1,1,2,2-Tetrachloroethane	0.478	0.483	-1.0	103	0.00
72	1,2,3-Trichloropropane	0.415	0.388	6.5	98	0.00
73	Bromobenzene	0.413	0.402	2.7	100	0.00
74	n-propylbenzene	1.937	1.898	2.0	100	0.00
75	2-Chlorotoluene	1.188	1.197	-0.8	102	0.00
76	1,3,5-Trimethylbenzene	1.424	1.393	2.2	99	0.00
77	t-1,4-Dichloro-2-butene	0.110	0.099	10.0	105	0.00
78	4-Chlorotoluene	1.129	1.085	3.9	98	0.00
79	tert-butylbenzene	1.227	1.243	-1.3	102	0.00
80	1,2,4-Trimethylbenzene	1.373	1.354	1.4	99	0.00
81	sec-Butylbenzene	1.622	1.630	-0.5	102	0.00
82	p-Isopropyltoluene	1.345	1.326	1.4	101	0.00
83 M	1,3-Dichlorobenzene	0.669	0.630	5.8	100	0.00
84 M	1,4-Dichlorobenzene	0.632	0.595	5.9	101	0.00
85	n-Butylbenzene	1.026	0.933	9.1	102	0.00
86 T	Hexachloroethane	0.229	0.225	1.7	105	0.00
87 M	1,2-Dichlorobenzene	0.670	0.652	2.7	101	0.00
88	1,2-Dibromo-3-Chloropropane	0.070	0.063	10.0	99	0.00
89	1,2,4-Trichlorobenzene	0.265	0.228	14.0	109	0.00
90	Hexachlorobutadiene	0.224	0.234	-4.5	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.612	0.506	17.3	112	0.00
92	1,2,3-Trichlorobenzene	0.276	0.247	10.5	107	0.00

(#) = Out of Range

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