

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082818\
 Data File : VN050912.D
 Acq On : 28 Aug 2018 14:18
 Operator : MD\SY
 Sample : VSTDICV020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICV020

Quant Time: Aug 29 01:41:48 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Aug 29 01:38:44 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Bromochloromethane	1.000	1.000	0.0	106	0.00
2 M	Dichlorodifluoromethane	1.863	1.954	-4.9	104	0.00
3 M	Chloromethane	2.200	2.141	2.7	98	0.00
4 M	Vinyl Chloride	2.174	2.162	0.6	102	0.00
5 M	Bromomethane	1.325	1.328	-0.2	111	0.00
6 M	Chloroethane	1.282	1.245	2.9	102	0.00
7 M	Trichlorofluoromethane	2.882	2.966	-2.9	107	0.00
8 T	Diethyl Ether	1.016	1.025	-0.9	110	0.00
9	1,1,2-Trichlorotrifluoroeth	1.785	1.854	-3.9	109	0.00
10 M	1,1-Dichloroethene	1.621	1.671	-3.1	109	0.00
11	Methyl Iodide	1.512	1.392	7.9	115	0.00
12	Methyl Acetate	1.874	1.903	-1.5	108	0.00
13 M	Acrolein	0.042	0.036#	14.3	111	0.00
14 M	Acrylonitrile	0.634	0.605	4.6	104	0.00
15 M	Acetone	0.162	0.149	8.0	105	0.00
16 M	Carbon Disulfide	4.874	5.103	-4.7	112	0.00
17	Allyl chloride	2.551	2.545	0.2	110	0.00
18 M	Methylene Chloride	1.903	1.858	2.4	102	0.00
19 M	trans-1,2-Dichloroethene	1.727	1.800	-4.2	111	0.00
20 T	Diisopropyl ether	5.294	5.455	-3.0	107	0.00
21 M	1,1-Dichloroethane	3.246	3.203	1.3	103	0.00
22 M	cis-1,2-Dichloroethene	1.951	1.943	0.4	106	0.00
23 M	tert-Butyl Alcohol	0.135	0.132	2.2	109	0.00
24 M	Methyl tert-Butyl Ether	4.434	4.508	-1.7	111	0.00
25 M	Chloroform	3.240	3.242	-0.1	105	0.00
26	Cyclohexane	2.689	2.754	-2.4	113	0.00
27 s	1,2-Dichloroethane-d4	1.914	1.911	0.2	106	0.00
28 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
29	1,1-Dichloropropene	0.449	0.451	-0.4	109	0.00
30 M	2-Butanone	0.138	0.124	10.1	105	0.00
31	2,2-Dichloropropane	0.437	0.455	-4.1	116	0.00
32 M	1,1,1-Trichloroethane	0.509	0.510	-0.2	107	0.00
33 M	Carbon Tetrachloride	0.459	0.452	1.5	106	0.00
34 M	Benzene	1.389	1.367	1.6	105	0.00
35	Methacrylonitrile	0.151	0.144	4.6	96	0.00
36 M	1,2-Dichloroethane	0.420	0.414	1.4	104	0.00
37 M	Trichloroethene	0.363	0.362	0.3	109	0.00
38	Methylcyclohexane	0.482	0.485	-0.6	115	0.00
39 M	1,2-Dichloropropane	0.363	0.357	1.7	104	0.00
40	Dibromomethane	0.219	0.211	3.7	104	0.00
41 M	Bromodichloromethane	0.461	0.443	3.9	104	0.00
42 M	Vinyl Acetate	0.636	0.616	3.1	107	0.00
43	Ethyl Acetate	0.283	0.247	12.7	92	0.00
44	Isopropyl Acetate	0.499	0.476	4.6	104	0.00
45 T	1,4-Dioxane	0.004	0.003#	25.0	95	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46	Methyl methacrylate	0.250	0.230	8.0	105	0.00
47	n-amyl Acetate	0.402	0.354	11.9	104	0.00
48 M	t-1,3-Dichloropropene	0.452	0.423	6.4	107	0.00
49 T	cis-1,3-Dichloropropene	0.519	0.504	2.9	108	0.00
50 M	1,1,2-Trichloroethane	0.318	0.305	4.1	101	0.00
51	Ethyl methacrylate	0.389	0.354	9.0	107	0.00
52	1,3-Dichloropropane	0.526	0.503	4.4	103	0.00
53 M	Dibromochloromethane	0.361	0.335	7.2	102	0.00
54 M	1,2-Dibromoethane	0.314	0.292	7.0	102	0.00
55 M	2-Chloroethyl vinyl ether	0.162	0.145	10.5	103	0.00
56 M	Bromoform	0.257	0.231	10.1	100	0.00
57 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
58 M	4-Methyl-2-Pentanone	0.343	0.323	5.8	102	0.00
59 M	2-Hexanone	0.224	0.205	8.5	102	0.00
60 S	4-Bromofluorobenzene	0.446	0.435	2.5	103	0.00
61 M	Tetrachloroethene	0.374	0.383	-2.4	106	0.00
62 M	Toluene	1.674	1.682	-0.5	103	0.00
63 S	Toluene-d8	1.399	1.436	-2.6	105	0.00
64 M	Chlorobenzene	1.037	1.030	0.7	104	0.00
65	1,1,1,2-Tetrachloroethane	0.392	0.396	-1.0	105	0.00
66 M	Ethyl Benzene	1.734	1.692	2.4	105	0.00
67 M	m/p-Xylenes	0.667	0.662	0.7	103	0.00
68 M	o-Xylene	0.637	0.632	0.8	104	0.00
69 M	Styrene	1.013	0.987	2.6	102	0.00
70	Isopropylbenzene	1.694	1.705	-0.6	104	0.00
71 M	1,1,2,2-Tetrachloroethane	0.459	0.438	4.6	98	0.00
72	1,2,3-Trichloropropane	0.396	0.381	3.8	100	0.00
73	Bromobenzene	0.446	0.430	3.6	102	0.00
74	n-propylbenzene	1.915	1.903	0.6	104	0.00
75	2-Chlorotoluene	1.163	1.153	0.9	103	0.00
76	1,3,5-Trimethylbenzene	1.384	1.386	-0.1	103	0.00
77	t-1,4-Dichloro-2-butene	0.113	0.098	13.3	100	0.00
78	4-Chlorotoluene	1.145	1.122	2.0	102	0.00
79	tert-butylbenzene	1.202	1.195	0.6	103	0.00
80	1,2,4-Trimethylbenzene	1.380	1.384	-0.3	102	0.00
81	sec-Butylbenzene	1.573	1.574	-0.1	105	0.00
82	p-Isopropyltoluene	1.357	1.347	0.7	104	0.00
83 M	1,3-Dichlorobenzene	0.753	0.735	2.4	103	0.00
84 M	1,4-Dichlorobenzene	0.714	0.701	1.8	104	0.00
85	n-Butylbenzene	1.036	1.008	2.7	109	0.00
86 T	Hexachloroethane	0.261	0.254	2.7	105	0.00
87 M	1,2-Dichlorobenzene	0.742	0.729	1.8	102	0.00
88	1,2-Dibromo-3-Chloropropane	0.064	0.061	4.7	98	0.00
89	1,2,4-Trichlorobenzene	0.330	0.328	0.6	123	0.00
90	Hexachlorobutadiene	0.224	0.254	-13.4	120	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
91 M	Naphthalene	0.708	0.704	0.6	134	0.00
92	1,2,3-Trichlorobenzene	0.331	0.350	-5.7	123	0.00

(#) = Out of Range

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