

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055145.D
 Acq On : 19 Apr 2019 17:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 20 04:41:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 12:28:28 2019
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	105	0.00
2 T	Dichlorodifluoromethane	0.568	0.516	9.2	99	0.00
3 P	Chloromethane	0.741	0.642	13.4	96	0.00
4 C	Vinyl Chloride	0.623	0.529	15.1#	96	0.00
5 T	Bromomethane	0.352	0.289	17.9	92	0.00
6 T	Chloroethane	0.336	0.285	15.2	94	0.00
7 T	Trichlorofluoromethane	0.779	0.793	-1.8	112	0.00
8 T	Diethyl Ether	0.249	0.309	-24.1	139	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.408	0.503	-23.3	138	0.00
10 T	Methyl Iodide	0.633	0.701	-10.7	127	0.01
11 T	Tert butyl alcohol	0.036	0.053	-47.2#	156#	-0.03
12 CM	1,1-Dichloroethene	0.397	0.470	-18.4#	133	0.00
13 T	Acrolein	0.045	0.038	15.6	98	0.00
14 T	Allyl chloride	0.971	0.993	-2.3	108	0.00
15 T	Acrylonitrile	0.218	0.247	-13.3	117	0.00
16 T	Acetone	0.180	0.257	-42.8#	164#	0.00
17 T	Carbon Disulfide	1.281	1.120	12.6	96	0.02
18 T	Methyl Acetate	0.579	0.618	-6.7	126	0.00
19 T	Methyl tert-butyl Ether	1.420	1.522	-7.2	112	0.00
20 T	Methylene Chloride	0.634	0.575	9.3	106	0.00
21 T	trans-1,2-Dichloroethene	0.537	0.502	6.5	103	0.01
22 T	Diisopropyl ether	1.997	2.081	-4.2	110	0.00
23 T	Vinyl Acetate	1.320	1.515	-14.8	112	0.00
24 P	1,1-Dichloroethane	1.063	1.054	0.8	107	0.00
25 T	2-Butanone	0.269	0.340	-26.4#	127	0.00
26 T	2,2-Dichloropropane	0.671	0.761	-13.4	119	0.00
27 T	cis-1,2-Dichloroethene	0.607	0.606	0.2	106	0.00
28 T	Bromochloromethane	0.513	0.520	-1.4	113	0.00
29 T	Tetrahydrofuran	0.177	0.207	-16.9	120	0.00
30 C	Chloroform	1.033	1.015	1.7#	108	0.00
31 T	Cyclohexane	1.158	0.926	20.0	103	0.00
32 T	1,1,1-Trichloroethane	0.818	0.832	-1.7	109	0.00
33 S	1,2-Dichloroethane-d4	0.665	0.651	2.1	107	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.334	0.332	0.6	106	0.00
36 T	1,1-Dichloropropene	0.471	0.468	0.6	105	0.00
37 T	Ethyl Acetate	0.384	0.421	-9.6	116	0.00
38 T	Carbon Tetrachloride	0.448	0.441	1.6	108	0.00
39 T	Methylcyclohexane	0.511	0.496	2.9	103	0.00
40 TM	Benzene	1.421	1.412	0.6	104	0.00
41 T	Methacrylonitrile	0.213	0.207	2.8	102	0.00
42 TM	1,2-Dichloroethane	0.493	0.500	-1.4	107	0.00
43 T	Isopropyl Acetate	0.591	0.709	-20.0	119	0.00
44 TM	Trichloroethene	0.356	0.362	-1.7	106	0.00
45 C	1,2-Dichloropropane	0.396	0.412	-4.0#	110	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.226	0.236	-4.4	107	0.00
47 T	Bromodichloromethane	0.465	0.495	-6.5	110	0.00
48 T	Methyl methacrylate	0.293	0.351	-19.8	120	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	158#	0.00
50 S	Toluene-d8	1.196	1.204	-0.7	104	0.00
51 T	4-Methyl-2-Pentanone	0.342	0.422	-23.4	121	0.00
52 CM	Toluene	0.814	0.842	-3.4#	106	0.00
53 T	t-1,3-Dichloropropene	0.406	0.490	-20.7	115	0.00
54 T	cis-1,3-Dichloropropene	0.504	0.575	-14.1	111	0.00
55 T	1,1,2-Trichloroethane	0.313	0.326	-4.2	109	0.00
56 T	Ethyl methacrylate	0.376	0.463	-23.1	115	0.00
57 T	1,3-Dichloropropane	0.534	0.572	-7.1	108	0.00
58 T	2-Chloroethyl Vinyl ether	0.139	0.147	-5.8	97	0.00
59 T	2-Hexanone	0.215	0.277	-28.8#	127	0.00
60 T	Dibromochloromethane	0.306	0.350	-14.4	111	0.00
61 T	1,2-Dibromoethane	0.289	0.318	-10.0	110	0.00
62 S	4-Bromofluorobenzene	0.389	0.412	-5.9	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.407	0.383	5.9	106	0.00
65 PM	Chlorobenzene	1.006	1.009	-0.3	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.390	-5.4	110	0.00
67 C	Ethyl Benzene	1.797	1.848	-2.8#	108	0.00
68 T	m/p-Xylenes	0.651	0.677	-4.0	105	0.00
69 T	o-Xylene	0.630	0.665	-5.6	106	0.00
70 T	Styrene	1.020	1.113	-9.1	105	0.00
71 P	Bromoform	0.212	0.259	-22.2	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	4.437	4.124	7.1	107	0.00
74 T	N-amyl acetate	1.249	1.474	-18.0	118	0.00
75 P	1,1,2,2-Tetrachloroethane	1.187	1.141	3.9	111	0.00
76 T	1,2,3-Trichloropropane	0.899	0.941	-4.7	119	0.00
77 T	Bromobenzene	1.106	1.015	8.2	105	0.00
78 T	n-propylbenzene	4.794	4.596	4.1	107	0.00
79 T	2-Chlorotoluene	2.990	2.810	6.0	107	0.00
80 T	1,3,5-Trimethylbenzene	3.581	3.374	5.8	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.225	0.282	-25.3#	128	0.00
82 T	4-Chlorotoluene	2.790	2.760	1.1	107	0.00
83 T	tert-Butylbenzene	3.024	2.855	5.6	108	0.00
84 T	1,2,4-Trimethylbenzene	3.393	3.310	2.4	106	0.00
85 T	sec-Butylbenzene	3.853	3.680	4.5	107	0.00
86 T	p-Isopropyltoluene	3.306	3.262	1.3	107	0.00
87 T	1,3-Dichlorobenzene	1.681	1.702	-1.2	107	0.00
88 T	1,4-Dichlorobenzene	1.603	1.637	-2.1	106	0.00
89 T	n-Butylbenzene	2.454	2.660	-8.4	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.538	0.542	-0.7	114	0.00
91 T	1,2-Dichlorobenzene	1.692	1.651	2.4	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.146	0.169	-15.8	118	0.00
93 T	1,2,4-Trichlorobenzene	0.644	0.748	-16.1	106	0.00
94 T	Hexachlorobutadiene	0.522	0.546	-4.6	117	0.00
95 T	Naphthalene	1.432	1.696	-18.4	105	0.00
96 T	1,2,3-Trichlorobenzene	0.653	0.747	-14.4	106	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6