

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121719\
 Data File : VN059619.D
 Acq On : 17 Dec 2019 12:38
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 18 05:55:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 23:17:39 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	94	0.00
2 T	Dichlorodifluoromethane	0.646	0.737	-14.1	115	0.00
3 P	Chloromethane	1.025	1.120	-9.3	107	0.00
4 C	Vinyl Chloride	0.972	1.037	-6.7#	106	0.00
5 T	Bromomethane	0.565	0.619	-9.6	108	0.01
6 T	Chloroethane	0.546	0.608	-11.4	111	0.00
7 T	Trichlorofluoromethane	1.067	1.194	-11.9	105	0.00
8 T	Diethyl Ether	0.333	0.368	-10.5	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.538	0.576	-7.1	106	0.00
10 T	Methyl Iodide	0.712	0.773	-8.6	103	0.00
11 T	Tert butyl alcohol	0.133	0.141	-6.0	107	0.00
12 CM	1,1-Dichloroethene	0.524	0.552	-5.3#	104	0.00
13 T	Acrolein	0.095	0.066	30.5#	64	0.00
14 T	Allyl chloride	1.077	1.132	-5.1	107	0.00
15 T	Acrylonitrile	0.323	0.361	-11.8	107	0.00
16 T	Acetone	0.432	0.429	0.7	97	0.00
17 T	Carbon Disulfide	1.801	1.749	2.9	105	0.00
18 T	Methyl Acetate	0.905	0.943	-4.2	105	0.00
19 T	Methyl tert-butyl Ether	1.852	2.050	-10.7	107	0.00
20 T	Methylene Chloride	0.624	0.676	-8.3	109	0.00
21 T	trans-1,2-Dichloroethene	0.585	0.632	-8.0	107	0.00
22 T	Diisopropyl ether	1.985	2.275	-14.6	109	0.00
23 T	Vinyl Acetate	1.558	1.971	-26.5#	114	0.00
24 P	1,1-Dichloroethane	1.124	1.259	-12.0	108	0.00
25 T	2-Butanone	0.517	0.560	-8.3	104	0.00
26 T	2,2-Dichloropropane	1.022	1.146	-12.1	108	0.00
27 T	cis-1,2-Dichloroethene	0.648	0.732	-13.0	108	0.00
28 T	Bromochloromethane	0.386	0.466	-20.7	95	0.00
29 T	Tetrahydrofuran	0.315	0.345	-9.5	107	0.00
30 C	Chloroform	1.107	1.241	-12.1#	108	0.00
31 T	Cyclohexane	1.062	1.128	-6.2	107	0.00
32 T	1,1,1-Trichloroethane	0.998	1.079	-8.1	106	0.00
33 S	1,2-Dichloroethane-d4	0.728	0.623	14.4	82	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.313	0.275	12.1	84	0.00
36 T	1,1-Dichloropropene	0.521	0.598	-14.8	110	0.00
37 T	Ethyl Acetate	0.606	0.679	-12.0	110	0.00
38 T	Carbon Tetrachloride	0.541	0.602	-11.3	108	0.00
39 T	Methylcyclohexane	0.591	0.683	-15.6	108	0.00
40 TM	Benzene	1.524	1.712	-12.3	107	0.00
41 T	Methacrylonitrile	0.250	0.241	3.6	90	-0.02
42 TM	1,2-Dichloroethane	0.584	0.664	-13.7	107	0.00
43 T	Isopropyl Acetate	0.942	1.078	-14.4	108	0.00
44 TM	Trichloroethene	0.399	0.443	-11.0	108	0.00
45 C	1,2-Dichloropropane	0.411	0.470	-14.4#	110	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.270	0.305	-13.0	109	0.00
47 T	Bromodichloromethane	0.537	0.627	-16.8	110	0.00
48 T	Methyl methacrylate	0.427	0.491	-15.0	108	0.00
49 T	1,4-Dioxane	0.006	0.007	-16.7	105	0.00
50 S	Toluene-d8	1.239	1.106	10.7	83	0.00
51 T	4-Methyl-2-Pentanone	0.562	0.669	-19.0	107	0.00
52 CM	Toluene	0.936	1.053	-12.5#	108	0.00
53 T	t-1,3-Dichloropropene	0.622	0.720	-15.8	108	0.00
54 T	cis-1,3-Dichloropropene	0.653	0.764	-17.0	109	0.00
55 T	1,1,2-Trichloroethane	0.367	0.420	-14.4	108	0.00
56 T	Ethyl methacrylate	0.545	0.659	-20.9	107	0.00
57 T	1,3-Dichloropropane	0.640	0.745	-16.4	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.173	0.244	-41.0#	105	0.00
59 T	2-Hexanone	0.443	0.522	-17.8	104	0.00
60 T	Dibromochloromethane	0.401	0.472	-17.7	110	0.00
61 T	1,2-Dibromoethane	0.390	0.442	-13.3	109	0.00
62 S	4-Bromofluorobenzene	0.452	0.402	11.1	82	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.466	0.449	3.6	99	0.00
65 PM	Chlorobenzene	1.082	1.212	-12.0	109	0.00
66 T	1,1,1,2-Tetrachloroethane	0.411	0.456	-10.9	107	0.00
67 C	Ethyl Benzene	1.953	2.238	-14.6#	108	0.00
68 T	m/p-Xylenes	0.721	0.834	-15.7	110	0.00
69 T	o-Xylene	0.686	0.792	-15.5	109	0.00
70 T	Styrene	1.102	1.304	-18.3	108	0.00
71 P	Bromoform	0.309	0.367	-18.8	109	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.925	4.357	-11.0	108	0.00
74 T	N-amyl acetate	1.800	2.059	-14.4	106	0.00
75 P	1,1,2,2-Tetrachloroethane	1.245	1.365	-9.6	107	0.00
76 T	1,2,3-Trichloropropane	1.238	1.293	-4.4	103	0.00
77 T	Bromobenzene	0.965	1.050	-8.8	109	0.00
78 T	n-propylbenzene	4.640	5.257	-13.3	109	0.00
79 T	2-Chlorotoluene	2.806	3.046	-8.6	107	0.00
80 T	1,3,5-Trimethylbenzene	3.322	3.742	-12.6	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.501	0.552	-10.2	108	0.00
82 T	4-Chlorotoluene	2.873	3.231	-12.5	110	0.00
83 T	tert-Butylbenzene	2.813	3.116	-10.8	109	0.00
84 T	1,2,4-Trimethylbenzene	3.303	3.755	-13.7	109	0.00
85 T	sec-Butylbenzene	3.742	4.277	-14.3	110	0.00
86 T	p-Isopropyltoluene	3.389	3.887	-14.7	110	0.00
87 T	1,3-Dichlorobenzene	1.775	1.913	-7.8	109	0.00
88 T	1,4-Dichlorobenzene	1.790	1.881	-5.1	108	0.00
89 T	n-Butylbenzene	3.177	3.607	-13.5	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.641	0.723	-12.8	109	0.00
91 T	1,2-Dichlorobenzene	1.750	1.869	-6.8	108	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.367	0.338	7.9	109	0.00
93 T	1,2,4-Trichlorobenzene	1.130	1.184	-4.8	110	0.00
94 T	Hexachlorobutadiene	0.605	0.598	1.2	111	0.00
95 T	Naphthalene	3.374	3.446	-2.1	108	0.00
96 T	1,2,3-Trichlorobenzene	1.143	1.139	0.3	110	0.00

(#) = Out of Range

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