

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN082619\
 Data File : VN057513.D
 Acq On : 26 Aug 2019 16:25
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 26 17:55:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082219W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 23 05:07:29 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	86	0.00
2 T	Dichlorodifluoromethane	0.590	0.612	-3.7	90	0.00
3 P	Chloromethane	0.843	0.768	8.9	85	0.00
4 C	Vinyl Chloride	1.026	0.972	5.3#	85	0.00
5 T	Bromomethane	0.632	0.620	1.9	92	0.00
6 T	Chloroethane	0.660	0.633	4.1	90	0.00
7 T	Trichlorofluoromethane	1.592	1.509	5.2	89	0.00
8 T	Diethyl Ether	0.601	0.547	9.0	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.881	0.828	6.0	91	0.00
10 T	Methyl Iodide	0.650	0.700	-7.7	94	-0.01
11 T	Tert butyl alcohol	0.109	0.098	10.1	83	0.00
12 CM	1,1-Dichloroethene	0.851	0.791	7.1#	87	0.00
13 T	Acrolein	0.096	0.110	-14.6	101	0.00
14 T	Allyl chloride	1.231	1.060	13.9	83	0.00
15 T	Acrylonitrile	0.295	0.278	5.8	84	0.00
16 T	Acetone	0.404	0.507	-25.5#	169#	0.00
17 T	Carbon Disulfide	1.623	1.288	20.6	76	0.00
18 T	Methyl Acetate	1.047	0.843	19.5	85	0.00
19 T	Methyl tert-butyl Ether	2.054	1.811	11.8	83	0.00
20 T	Methylene Chloride	0.660	0.576	12.7	85	0.00
21 T	trans-1,2-Dichloroethene	0.601	0.514	14.5	82	0.00
22 T	Diisopropyl ether	2.415	2.328	3.6	88	0.00
23 T	Vinyl Acetate	1.886	1.765	6.4	85	0.00
24 P	1,1-Dichloroethane	1.280	1.174	8.3	86	0.00
25 T	2-Butanone	0.439	0.417	5.0	88	0.00
26 T	2,2-Dichloropropane	1.108	1.003	9.5	86	0.00
27 T	cis-1,2-Dichloroethene	0.712	0.667	6.3	88	0.00
28 T	Bromochloromethane	0.689	0.716	-3.9	88	0.00
29 T	Tetrahydrofuran	0.289	0.273	5.5	86	0.00
30 C	Chloroform	1.328	1.207	9.1#	90	0.00
31 T	Cyclohexane	1.236	1.150	7.0	86	0.00
32 T	1,1,1-Trichloroethane	1.098	1.011	7.9	86	0.00
33 S	1,2-Dichloroethane-d4	0.880	0.932	-5.9	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.338	0.339	-0.3	88	0.00
36 T	1,1-Dichloropropene	0.511	0.491	3.9	90	0.00
37 T	Ethyl Acetate	0.505	0.463	8.3	83	0.00
38 T	Carbon Tetrachloride	0.508	0.450	11.4	82	0.00
39 T	Methylcyclohexane	0.607	0.606	0.2	90	0.00
40 TM	Benzene	1.533	1.465	4.4	89	0.00
41 T	Methacrylonitrile	0.241	0.221	8.3	87	0.00
42 TM	1,2-Dichloroethane	0.590	0.573	2.9	91	0.00
43 T	Isopropyl Acetate	0.926	0.859	7.2	85	0.00
44 TM	Trichloroethene	0.342	0.332	2.9	88	0.00
45 C	1,2-Dichloropropane	0.432	0.422	2.3#	92	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.276	0.259	6.2	90	0.00
47 T	Bromodichloromethane	0.570	0.535	6.1	89	0.00
48 T	Methyl methacrylate	0.440	0.420	4.5	86	0.00
49 T	1,4-Dioxane	0.006	0.005	16.7	89	0.00
50 S	Toluene-d8	1.277	1.389	-8.8	91	0.00
51 T	4-Methyl-2-Pentanone	0.516	0.501	2.9	88	0.00
52 CM	Toluene	0.884	0.916	-3.6#	94	0.00
53 T	t-1,3-Dichloropropene	0.597	0.582	2.5	90	0.00
54 T	cis-1,3-Dichloropropene	0.664	0.641	3.5	91	0.00
55 T	1,1,2-Trichloroethane	0.357	0.353	1.1	93	0.00
56 T	Ethyl methacrylate	0.562	0.567	-0.9	89	0.00
57 T	1,3-Dichloropropane	0.622	0.636	-2.3	93	0.00
58 T	2-Chloroethyl Vinyl ether	0.133	0.185	-39.1#	114	0.00
59 T	2-Hexanone	0.354	0.349	1.4	89	0.00
60 T	Dibromochloromethane	0.378	0.363	4.0	88	0.00
61 T	1,2-Dibromoethane	0.351	0.351	0.0	89	0.00
62 S	4-Bromofluorobenzene	0.433	0.474	-9.5	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.350	0.337	3.7	94	0.00
65 PM	Chlorobenzene	1.011	0.968	4.3	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.357	8.0	88	0.00
67 C	Ethyl Benzene	1.956	1.886	3.6#	90	0.00
68 T	m/p-Xylenes	0.665	0.673	-1.2	91	0.00
69 T	o-Xylene	0.659	0.643	2.4	88	0.00
70 T	Styrene	1.044	1.072	-2.7	90	0.00
71 P	Bromoform	0.262	0.231	11.8	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	91	0.00
73 T	Isopropylbenzene	5.589	4.560	18.4	91	0.00
74 T	N-amyl acetate	2.561	2.026	20.9	87	0.00
75 P	1,1,2,2-Tetrachloroethane	1.638	1.295	20.9	91	0.00
76 T	1,2,3-Trichloropropane	1.268	1.231	2.9	96	0.00
77 T	Bromobenzene	1.108	0.925	16.5	90	0.00
78 T	n-propylbenzene	5.927	5.280	10.9	93	0.00
79 T	2-Chlorotoluene	3.533	3.066	13.2	91	0.00
80 T	1,3,5-Trimethylbenzene	4.395	3.790	13.8	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.495	0.407	17.8	84	0.00
82 T	4-Chlorotoluene	3.368	3.039	9.8	93	0.00
83 T	tert-Butylbenzene	3.913	3.182	18.7	92	0.00
84 T	1,2,4-Trimethylbenzene	3.887	3.690	5.1	92	0.00
85 T	sec-Butylbenzene	4.787	4.352	9.1	94	0.00
86 T	p-Isopropyltoluene	3.908	3.656	6.4	93	0.00
87 T	1,3-Dichlorobenzene	1.615	1.551	4.0	94	0.00
88 T	1,4-Dichlorobenzene	1.582	1.508	4.7	94	0.00
89 T	n-Butylbenzene	3.307	3.283	0.7	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.904	0.688	23.9	84	0.00
91 T	1,2-Dichlorobenzene	1.542	1.508	2.2	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.266	0.212	20.3	84	0.00
93 T	1,2,4-Trichlorobenzene	0.562	0.524	6.8	97	0.00
94 T	Hexachlorobutadiene	0.479	0.433	9.6	100	0.00
95 T	Naphthalene	1.861	1.635	12.1	91	0.00
96 T	1,2,3-Trichlorobenzene	0.587	0.524	10.7	96	0.00

(#) = Out of Range

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