

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN112219\
 Data File : VN059351.D
 Acq On : 22 Nov 2019 9:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 22 11:31:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112019W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 21 08:44:45 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	96	0.00
2 T	Dichlorodifluoromethane	0.640	0.615	3.9	88	0.00
3 P	Chloromethane	0.784	0.737	6.0	90	0.00
4 C	Vinyl Chloride	0.807	0.780	3.3#	88	0.00
5 T	Bromomethane	0.448	0.417	6.9	89	0.00
6 T	Chloroethane	0.441	0.402	8.8	90	0.00
7 T	Trichlorofluoromethane	0.869	0.785	9.7	87	0.00
8 T	Diethyl Ether	0.355	0.344	3.1	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.532	0.509	4.3	91	0.00
10 T	Methyl Iodide	0.661	0.693	-4.8	94	0.00
11 T	Tert butyl alcohol	0.120	0.111	7.5	86	0.00
12 CM	1,1-Dichloroethene	0.540	0.504	6.7#	89	0.00
13 T	Acrolein	0.110	0.095	13.6	82	0.00
14 T	Allyl chloride	1.008	0.872	13.5	82	0.00
15 T	Acrylonitrile	0.318	0.298	6.3	88	0.00
16 T	Acetone	0.269	0.296	-10.0	105	0.00
17 T	Carbon Disulfide	1.820	1.595	12.4	89	0.00
18 T	Methyl Acetate	0.893	0.839	6.0	87	0.00
19 T	Methyl tert-butyl Ether	1.743	1.703	2.3	90	0.00
20 T	Methylene Chloride	0.607	0.576	5.1	92	0.00
21 T	trans-1,2-Dichloroethene	0.572	0.550	3.8	90	0.00
22 T	Diisopropyl ether	1.898	1.843	2.9	90	0.00
23 T	Vinyl Acetate	1.493	1.462	2.1	88	0.00
24 P	1,1-Dichloroethane	1.068	1.039	2.7	90	0.00
25 T	2-Butanone	0.418	0.410	1.9	90	0.00
26 T	2,2-Dichloropropane	0.925	0.876	5.3	90	0.00
27 T	cis-1,2-Dichloroethene	0.645	0.609	5.6	89	0.00
28 T	Bromochloromethane	0.367	0.440	-19.9	98	0.00
29 T	Tetrahydrofuran	0.289	0.265	8.3	84	0.00
30 C	Chloroform	1.109	0.983	11.4#	89	0.00
31 T	Cyclohexane	1.056	0.971	8.0	89	0.00
32 T	1,1,1-Trichloroethane	0.891	0.853	4.3	91	0.00
33 S	1,2-Dichloroethane-d4	0.600	0.552	8.0	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.300	0.287	4.3	86	0.00
36 T	1,1-Dichloropropene	0.516	0.498	3.5	89	0.00
37 T	Ethyl Acetate	0.555	0.516	7.0	87	0.00
38 T	Carbon Tetrachloride	0.494	0.474	4.0	88	0.00
39 T	Methylcyclohexane	0.622	0.618	0.6	90	0.00
40 TM	Benzene	1.515	1.498	1.1	90	0.00
41 T	Methacrylonitrile	0.246	0.255	-3.7	89	0.00
42 TM	1,2-Dichloroethane	0.501	0.485	3.2	89	0.00
43 T	Isopropyl Acetate	0.848	0.813	4.1	87	0.00
44 TM	Trichloroethene	0.384	0.378	1.6	91	0.00
45 C	1,2-Dichloropropane	0.404	0.401	0.7#	92	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.248	0.244	1.6	91	0.00
47 T	Bromodichloromethane	0.496	0.494	0.4	90	0.00
48 T	Methyl methacrylate	0.386	0.371	3.9	87	0.00
49 T	1,4-Dioxane	0.006	0.006	0.0	101	0.00
50 S	Toluene-d8	1.193	1.161	2.7	87	0.00
51 T	4-Methyl-2-Pentanone	0.496	0.506	-2.0	87	0.00
52 CM	Toluene	0.911	0.914	-0.3#	91	0.00
53 T	t-1,3-Dichloropropene	0.577	0.583	-1.0	93	0.00
54 T	cis-1,3-Dichloropropene	0.626	0.633	-1.1	92	0.00
55 T	1,1,2-Trichloroethane	0.354	0.353	0.3	91	0.00
56 T	Ethyl methacrylate	0.531	0.556	-4.7	90	0.00
57 T	1,3-Dichloropropane	0.617	0.614	0.5	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.181	0.140	22.7	68	0.00
59 T	2-Hexanone	0.363	0.376	-3.6	88	0.00
60 T	Dibromochloromethane	0.373	0.381	-2.1	91	0.00
61 T	1,2-Dibromoethane	0.369	0.368	0.3	91	0.00
62 S	4-Bromofluorobenzene	0.417	0.422	-1.2	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.387	0.370	4.4	92	0.00
65 PM	Chlorobenzene	1.075	1.062	1.2	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.391	0.387	1.0	91	0.00
67 C	Ethyl Benzene	1.920	1.941	-1.1#	93	0.00
68 T	m/p-Xylenes	0.713	0.727	-2.0	93	0.00
69 T	o-Xylene	0.683	0.693	-1.5	94	0.00
70 T	Styrene	1.077	1.138	-5.7	95	0.00
71 P	Bromoform	0.296	0.303	-2.4	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	4.096	3.964	3.2	94	0.00
74 T	N-amyl acetate	1.646	1.569	4.7	91	0.00
75 P	1,1,2,2-Tetrachloroethane	1.355	1.245	8.1	91	0.00
76 T	1,2,3-Trichloropropane	1.155	1.227	-6.2	106	0.00
77 T	Bromobenzene	0.993	0.941	5.2	94	0.00
78 T	n-propylbenzene	4.640	4.647	-0.2	95	0.00
79 T	2-Chlorotoluene	2.848	2.704	5.1	94	0.00
80 T	1,3,5-Trimethylbenzene	3.443	3.359	2.4	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.462	0.456	1.3	93	0.00
82 T	4-Chlorotoluene	2.947	2.794	5.2	95	0.00
83 T	tert-Butylbenzene	2.908	2.816	3.2	94	0.00
84 T	1,2,4-Trimethylbenzene	3.373	3.323	1.5	95	0.00
85 T	sec-Butylbenzene	3.908	3.816	2.4	94	0.00
86 T	p-Isopropyltoluene	3.478	3.481	-0.1	95	0.00
87 T	1,3-Dichlorobenzene	1.769	1.695	4.2	97	0.00
88 T	1,4-Dichlorobenzene	1.750	1.674	4.3	97	0.00
89 T	n-Butylbenzene	3.051	3.020	1.0	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.659	0.626	5.0	93	0.00
91 T	1,2-Dichlorobenzene	1.712	1.644	4.0	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.288	0.234	18.7	85	0.00
93 T	1,2,4-Trichlorobenzene	1.083	0.927	14.4	92	0.00
94 T	Hexachlorobutadiene	0.617	0.579	6.2	99	0.00
95 T	Naphthalene	3.133	2.349	25.0#	88	0.00
96 T	1,2,3-Trichlorobenzene	1.166	0.894	23.3	89	0.00

(#) = Out of Range

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