

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111919\
 Data File : VN059297.D
 Acq On : 19 Nov 2019 10:35
 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 20 06:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110619W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 07 04:00:41 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	85	0.00
2 T	Dichlorodifluoromethane	0.504	0.629	-24.8	111	0.00
3 P	Chloromethane	0.685	0.692	-1.0	93	0.00
4 C	Vinyl Chloride	0.664	0.752	-13.3#	101	0.00
5 T	Bromomethane	0.382	0.392	-2.6	92	0.00
6 T	Chloroethane	0.393	0.373	5.1	86	0.00
7 T	Trichlorofluoromethane	0.794	0.739	6.9	81	0.00
8 T	Diethyl Ether	0.323	0.318	1.5	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.479	0.475	0.8	87	0.00
10 T	Methyl Iodide	0.593	0.580	2.2	83	0.00
11 T	Tert butyl alcohol	0.117	0.107	8.5	81	0.00
12 CM	1,1-Dichloroethene	0.466	0.471	-1.1#	89	0.00
13 T	Acrolein	0.060	0.031	48.3#	45#	0.00
14 T	Allyl chloride	0.958	0.880	8.1	82	0.00
15 T	Acrylonitrile	0.292	0.268	8.2	77	0.00
16 T	Acetone	0.320	0.343	-7.2	86	0.00
17 T	Carbon Disulfide	1.448	1.501	-3.7	95	0.00
18 T	Methyl Acetate	0.759	0.755	0.5	86	0.00
19 T	Methyl tert-butyl Ether	1.606	1.574	2.0	84	0.00
20 T	Methylene Chloride	0.557	0.525	5.7	84	0.00
21 T	trans-1,2-Dichloroethene	0.501	0.506	-1.0	89	0.00
22 T	Diisopropyl ether	1.810	1.697	6.2	80	0.00
23 T	Vinyl Acetate	1.403	1.355	3.4	77	0.00
24 P	1,1-Dichloroethane	1.011	0.963	4.7	83	0.00
25 T	2-Butanone	0.421	0.413	1.9	81	0.00
26 T	2,2-Dichloropropane	0.884	0.820	7.2	83	0.00
27 T	cis-1,2-Dichloroethene	0.581	0.568	2.2	85	0.00
28 T	Bromochloromethane	0.304	0.249	18.1	73	0.00
29 T	Tetrahydrofuran	0.268	0.243	9.3	76	0.00
30 C	Chloroform	0.970	0.918	5.4#	84	0.00
31 T	Cyclohexane	0.957	0.910	4.9	85	0.00
32 T	1,1,1-Trichloroethane	0.815	0.780	4.3	82	0.00
33 S	1,2-Dichloroethane-d4	0.615	0.502	18.4	73	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.299	0.269	10.0	79	0.00
36 T	1,1-Dichloropropene	0.467	0.469	-0.4	87	0.00
37 T	Ethyl Acetate	0.520	0.474	8.8	77	0.00
38 T	Carbon Tetrachloride	0.465	0.445	4.3	83	0.00
39 T	Methylcyclohexane	0.542	0.573	-5.7	89	0.00
40 TM	Benzene	1.407	1.374	2.3	84	0.00
41 T	Methacrylonitrile	0.226	0.211	6.6	73	0.00
42 TM	1,2-Dichloroethane	0.483	0.455	5.8	81	0.00
43 T	Isopropyl Acetate	0.829	0.747	9.9	77	0.00
44 TM	Trichloroethene	0.346	0.343	0.9	86	0.00
45 C	1,2-Dichloropropane	0.382	0.368	3.7#	82	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.238	0.225	5.5	83	0.00
47 T	Bromodichloromethane	0.476	0.456	4.2	81	0.00
48 T	Methyl methacrylate	0.371	0.340	8.4	77	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	86	0.00
50 S	Toluene-d8	1.176	0.995	15.4	74	0.00
51 T	4-Methyl-2-Pentanone	0.469	0.457	2.6	75	0.00
52 CM	Toluene	0.844	0.836	0.9#	85	0.00
53 T	t-1,3-Dichloropropene	0.550	0.527	4.2	82	0.00
54 T	cis-1,3-Dichloropropene	0.591	0.583	1.4	83	0.00
55 T	1,1,2-Trichloroethane	0.341	0.321	5.9	82	0.00
56 T	Ethyl methacrylate	0.507	0.510	-0.6	81	0.00
57 T	1,3-Dichloropropane	0.588	0.565	3.9	82	0.00
58 T	2-Chloroethyl Vinyl ether	0.190	0.087	54.2#	34#	0.00
59 T	2-Hexanone	0.360	0.360	0.0	77	0.00
60 T	Dibromochloromethane	0.361	0.351	2.8	83	0.00
61 T	1,2-Dibromoethane	0.346	0.337	2.6	84	0.00
62 S	4-Bromofluorobenzene	0.424	0.376	11.3	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.340	0.336	1.2	86	0.00
65 PM	Chlorobenzene	0.975	0.972	0.3	85	0.00
66 T	1,1,1,2-Tetrachloroethane	0.366	0.357	2.5	83	0.00
67 C	Ethyl Benzene	1.729	1.788	-3.4#	84	0.00
68 T	m/p-Xylenes	0.648	0.674	-4.0	85	0.00
69 T	o-Xylene	0.626	0.638	-1.9	85	0.00
70 T	Styrene	0.985	1.049	-6.5	84	0.00
71 P	Bromoform	0.284	0.277	2.5	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.637	3.528	3.0	84	0.00
74 T	N-amyl acetate	1.541	1.422	7.7	76	0.00
75 P	1,1,2,2-Tetrachloroethane	1.239	1.114	10.1	80	0.00
76 T	1,2,3-Trichloropropane	1.138	0.985	13.4	81	0.00
77 T	Bromobenzene	0.914	0.841	8.0	82	0.00
78 T	n-propylbenzene	4.164	4.133	0.7	83	0.00
79 T	2-Chlorotoluene	2.583	2.433	5.8	83	0.00
80 T	1,3,5-Trimethylbenzene	3.082	2.989	3.0	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.431	0.392	9.0	78	0.00
82 T	4-Chlorotoluene	2.591	2.525	2.5	84	0.00
83 T	tert-Butylbenzene	2.661	2.544	4.4	83	0.00
84 T	1,2,4-Trimethylbenzene	2.982	3.017	-1.2	85	0.00
85 T	sec-Butylbenzene	3.461	3.460	0.0	84	0.00
86 T	p-Isopropyltoluene	3.056	3.137	-2.7	84	0.00
87 T	1,3-Dichlorobenzene	1.565	1.517	3.1	85	0.00
88 T	1,4-Dichlorobenzene	1.566	1.506	3.8	85	0.00
89 T	n-Butylbenzene	2.675	2.753	-2.9	86	0.00

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90 T	Hexachloroethane	0.614	0.554	9.8	82	0.00
91 T	1,2-Dichlorobenzene	1.539	1.477	4.0	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.280	0.226	19.3	80	0.00
93 T	1,2,4-Trichlorobenzene	0.825	0.903	-9.5	91	0.00
94 T	Hexachlorobutadiene	0.531	0.513	3.4	88	0.00
95 T	Naphthalene	2.265	2.402	-6.0	88	0.00
96 T	1,2,3-Trichlorobenzene	0.863	0.902	-4.5	90	0.00

(#) = Out of Range

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