

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051319\
 Data File : VN055583.D
 Acq On : 13 May 2019 18:41
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 14 03:27:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 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	102	0.00
2 T	Dichlorodifluoromethane	0.509	0.428	15.9	92	0.00
3 P	Chloromethane	0.827	0.680	17.8	90	0.00
4 C	Vinyl Chloride	0.781	0.692	11.4#	96	0.00
5 T	Bromomethane	0.428	0.387	9.6	98	0.00
6 T	Chloroethane	0.455	0.420	7.7	101	0.00
7 T	Trichlorofluoromethane	0.856	0.794	7.2	99	0.00
8 T	Diethyl Ether	0.385	0.372	3.4	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.545	0.511	6.2	101	0.00
10 T	Methyl Iodide	0.736	0.688	6.5	93	0.00
11 T	Tert butyl alcohol	0.111	0.100	9.9	91	-0.01
12 CM	1,1-Dichloroethene	0.546	0.534	2.2#	104	0.00
13 T	Acrolein	0.074	0.075	-1.4	105	0.00
14 T	Allyl chloride	1.119	1.032	7.8	95	0.00
15 T	Acrylonitrile	0.344	0.311	9.6	91	0.00
16 T	Acetone	0.349	0.259	25.8#	79	0.00
17 T	Carbon Disulfide	1.491	1.324	11.2	93	0.00
18 T	Methyl Acetate	0.862	0.681	21.0	94	0.00
19 T	Methyl tert-butyl Ether	1.816	1.761	3.0	100	0.00
20 T	Methylene Chloride	0.713	0.642	10.0	100	0.00
21 T	trans-1,2-Dichloroethene	0.592	0.568	4.1	101	0.00
22 T	Diisopropyl ether	2.275	2.181	4.1	97	0.00
23 T	Vinyl Acetate	1.759	1.671	5.0	92	0.00
24 P	1,1-Dichloroethane	1.228	1.155	5.9	100	0.00
25 T	2-Butanone	0.482	0.413	14.3	84	0.00
26 T	2,2-Dichloropropane	0.766	0.744	2.9	100	0.00
27 T	cis-1,2-Dichloroethene	0.685	0.674	1.6	101	0.00
28 T	Bromochloromethane	0.638	0.581	8.9	93	0.00
29 T	Tetrahydrofuran	0.318	0.274	13.8	87	0.00
30 C	Chloroform	1.135	1.083	4.6#	100	0.00
31 T	Cyclohexane	1.215	1.046	13.9	94	0.00
32 T	1,1,1-Trichloroethane	0.864	0.840	2.8	100	0.00
33 S	1,2-Dichloroethane-d4	0.753	0.688	8.6	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.323	0.322	0.3	104	0.00
36 T	1,1-Dichloropropene	0.493	0.476	3.4	99	0.00
37 T	Ethyl Acetate	0.537	0.471	12.3	88	0.00
38 T	Carbon Tetrachloride	0.415	0.393	5.3	102	0.00
39 T	Methylcyclohexane	0.601	0.537	10.6	94	0.00
40 TM	Benzene	1.529	1.471	3.8	99	0.00
41 T	Methacrylonitrile	0.249	0.217	12.9	82	0.00
42 TM	1,2-Dichloroethane	0.537	0.487	9.3	97	0.00
43 T	Isopropyl Acetate	0.816	0.756	7.4	90	0.00
44 TM	Trichloroethene	0.364	0.355	2.5	103	0.00
45 C	1,2-Dichloropropane	0.437	0.416	4.8#	100	0.00

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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)
46 T	Dibromomethane	0.254	0.241	5.1	99	0.00
47 T	Bromodichloromethane	0.485	0.474	2.3	101	0.00
48 T	Methyl methacrylate	0.393	0.358	8.9	89	0.00
49 T	1,4-Dioxane	0.008	0.007	12.5	91	0.00
50 S	Toluene-d8	1.257	1.252	0.4	101	0.00
51 T	4-Methyl-2-Pentanone	0.537	0.480	10.6	88	0.00
52 CM	Toluene	0.874	0.866	0.9#	100	0.00
53 T	t-1,3-Dichloropropene	0.466	0.490	-5.2	101	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.585	-5.0	101	0.00
55 T	1,1,2-Trichloroethane	0.354	0.345	2.5	101	0.00
56 T	Ethyl methacrylate	0.527	0.528	-0.2	98	0.00
57 T	1,3-Dichloropropane	0.629	0.618	1.7	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.148	0.148	0.0	91	0.00
59 T	2-Hexanone	0.377	0.330	12.5	87	0.00
60 T	Dibromochloromethane	0.322	0.336	-4.3	102	0.00
61 T	1,2-Dibromoethane	0.340	0.343	-0.9	101	0.00
62 S	4-Bromofluorobenzene	0.424	0.436	-2.8	102	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.410	0.370	9.8	98	0.00
65 PM	Chlorobenzene	1.029	1.035	-0.6	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.354	0.363	-2.5	105	0.00
67 C	Ethyl Benzene	1.932	1.890	2.2#	100	0.00
68 T	m/p-Xylenes	0.693	0.695	-0.3	102	0.00
69 T	o-Xylene	0.681	0.687	-0.9	102	0.00
70 T	Styrene	1.092	1.164	-6.6	102	0.00
71 P	Bromoform	0.239	0.257	-7.5	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	4.904	4.281	12.7	102	0.00
74 T	N-amyl acetate	1.898	1.713	9.7	92	0.00
75 P	1,1,2,2-Tetrachloroethane	1.603	1.341	16.3	98	0.00
76 T	1,2,3-Trichloropropane	1.361	1.174	13.7	93	0.00
77 T	Bromobenzene	1.102	1.027	6.8	106	0.00
78 T	n-propylbenzene	5.363	4.873	9.1	100	0.00
79 T	2-Chlorotoluene	3.342	2.962	11.4	99	0.00
80 T	1,3,5-Trimethylbenzene	3.999	3.609	9.8	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.369	0.334	9.5	94	0.00
82 T	4-Chlorotoluene	3.158	2.927	7.3	101	0.00
83 T	tert-Butylbenzene	3.428	3.013	12.1	99	0.00
84 T	1,2,4-Trimethylbenzene	3.667	3.507	4.4	100	0.00
85 T	sec-Butylbenzene	4.555	3.963	13.0	96	0.00
86 T	p-Isopropyltoluene	3.707	3.430	7.5	97	0.00
87 T	1,3-Dichlorobenzene	1.703	1.680	1.4	102	0.00
88 T	1,4-Dichlorobenzene	1.680	1.631	2.9	102	0.00
89 T	n-Butylbenzene	2.874	2.683	6.6	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.605	0.540	10.7	99	0.00
91 T	1,2-Dichlorobenzene	1.702	1.671	1.8	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.230	0.207	10.0	91	0.00
93 T	1,2,4-Trichlorobenzene	0.581	0.672	-15.7	99	0.00
94 T	Hexachlorobutadiene	0.612	0.468	23.5	92	0.00
95 T	Naphthalene	1.723	1.899	-10.2	98	0.00
96 T	1,2,3-Trichlorobenzene	0.686	0.740	-7.9	97	0.00

(#) = Out of Range

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