

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN052319\
 Data File : VN055753.D
 Acq On : 23 May 2019 14:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 24 07:05:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 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	107	0.00
2 T	Dichlorodifluoromethane	0.337	0.305	9.5	103	0.00
3 P	Chloromethane	0.471	0.425	9.8	99	0.00
4 C	Vinyl Chloride	0.503	0.456	9.3#	100	0.00
5 T	Bromomethane	0.315	0.313	0.6	102	0.00
6 T	Chloroethane	0.303	0.284	6.3	100	0.00
7 T	Trichlorofluoromethane	0.659	0.623	5.5	104	0.00
8 T	Diethyl Ether	0.295	0.271	8.1	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.412	0.401	2.7	107	0.00
10 T	Methyl Iodide	0.602	0.585	2.8	99	0.00
11 T	Tert butyl alcohol	0.099	0.094	5.1	98	0.00
12 CM	1,1-Dichloroethene	0.425	0.394	7.3#	102	0.00
13 T	Acrolein	0.071	0.061	14.1	96	0.00
14 T	Allyl chloride	0.729	0.680	6.7	102	0.00
15 T	Acrylonitrile	0.227	0.210	7.5	100	0.00
16 T	Acetone	0.227	0.216	4.8	103	0.00
17 T	Carbon Disulfide	1.208	1.093	9.5	102	0.00
18 T	Methyl Acetate	0.538	0.436	19.0	99	0.00
19 T	Methyl tert-butyl Ether	1.418	1.313	7.4	101	0.00
20 T	Methylene Chloride	0.492	0.446	9.3	102	0.00
21 T	trans-1,2-Dichloroethene	0.457	0.426	6.8	103	0.00
22 T	Diisopropyl ether	1.418	1.304	8.0	100	0.00
23 T	Vinyl Acetate	1.216	1.144	5.9	101	0.00
24 P	1,1-Dichloroethane	0.826	0.760	8.0	102	0.00
25 T	2-Butanone	0.317	0.299	5.7	102	0.00
26 T	2,2-Dichloropropane	0.714	0.673	5.7	106	0.00
27 T	cis-1,2-Dichloroethene	0.533	0.501	6.0	102	0.00
28 T	Bromochloromethane	0.393	0.373	5.1	101	0.00
29 T	Tetrahydrofuran	0.201	0.183	9.0	98	0.00
30 C	Chloroform	0.823	0.772	6.2#	102	0.00
31 T	Cyclohexane	0.775	0.723	6.7	104	0.00
32 T	1,1,1-Trichloroethane	0.735	0.691	6.0	104	0.00
33 S	1,2-Dichloroethane-d4	0.516	0.491	4.8	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.316	0.319	-0.9	102	0.00
36 T	1,1-Dichloropropene	0.436	0.420	3.7	103	0.00
37 T	Ethyl Acetate	0.421	0.412	2.1	101	0.00
38 T	Carbon Tetrachloride	0.454	0.448	1.3	104	0.00
39 T	Methylcyclohexane	0.540	0.546	-1.1	108	0.00
40 TM	Benzene	1.313	1.278	2.7	102	0.00
41 T	Methacrylonitrile	0.213	0.202	5.2	101	0.00
42 TM	1,2-Dichloroethane	0.429	0.416	3.0	102	0.00
43 T	Isopropyl Acetate	0.708	0.682	3.7	101	0.00
44 TM	Trichloroethene	0.366	0.375	-2.5	106	0.00
45 C	1,2-Dichloropropane	0.342	0.336	1.8#	102	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.224	0.226	-0.9	103	0.00
47 T	Bromodichloromethane	0.460	0.446	3.0	101	0.00
48 T	Methyl methacrylate	0.326	0.317	2.8	99	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	104	0.00
50 S	Toluene-d8	1.213	1.216	-0.2	103	0.00
51 T	4-Methyl-2-Pentanone	0.418	0.409	2.2	99	0.00
52 CM	Toluene	0.826	0.823	0.4#	103	0.00
53 T	t-1,3-Dichloropropene	0.491	0.496	-1.0	102	0.00
54 T	cis-1,3-Dichloropropene	0.544	0.544	0.0	102	0.00
55 T	1,1,2-Trichloroethane	0.331	0.327	1.2	102	0.00
56 T	Ethyl methacrylate	0.511	0.514	-0.6	101	0.00
57 T	1,3-Dichloropropane	0.538	0.529	1.7	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.195	0.200	-2.6	102	0.00
59 T	2-Hexanone	0.296	0.296	0.0	100	0.00
60 T	Dibromochloromethane	0.385	0.394	-2.3	104	0.00
61 T	1,2-Dibromoethane	0.343	0.341	0.6	101	0.00
62 S	4-Bromofluorobenzene	0.416	0.426	-2.4	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.422	0.415	1.7	106	0.00
65 PM	Chlorobenzene	1.001	0.993	0.8	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.399	0.388	2.8	104	0.00
67 C	Ethyl Benzene	1.795	1.753	2.3#	103	0.00
68 T	m/p-Xylenes	0.679	0.678	0.1	105	0.00
69 T	o-Xylene	0.673	0.666	1.0	105	0.00
70 T	Styrene	1.090	1.124	-3.1	104	0.00
71 P	Bromoform	0.341	0.344	-0.9	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	105	0.00
73 T	Isopropylbenzene	4.186	3.662	12.5	105	0.00
74 T	N-amyl acetate	1.536	1.326	13.7	99	0.00
75 P	1,1,2,2-Tetrachloroethane	1.241	1.063	14.3	101	0.00
76 T	1,2,3-Trichloropropane	0.988	0.870	11.9	101	0.00
77 T	Bromobenzene	1.067	0.989	7.3	105	0.00
78 T	n-propylbenzene	4.346	4.022	7.5	107	0.00
79 T	2-Chlorotoluene	2.693	2.393	11.1	104	0.00
80 T	1,3,5-Trimethylbenzene	3.474	3.079	11.4	105	0.00
81 T	trans-1,4-Dichloro-2-butene	0.372	0.351	5.6	103	0.00
82 T	4-Chlorotoluene	2.554	2.374	7.0	104	0.00
83 T	tert-Butylbenzene	3.078	2.698	12.3	106	0.00
84 T	1,2,4-Trimethylbenzene	3.395	3.057	10.0	105	0.00
85 T	sec-Butylbenzene	3.826	3.495	8.7	106	0.00
86 T	p-Isopropyltoluene	3.472	3.268	5.9	107	0.00
87 T	1,3-Dichlorobenzene	1.689	1.637	3.1	106	0.00
88 T	1,4-Dichlorobenzene	1.606	1.593	0.8	108	0.00
89 T	n-Butylbenzene	2.661	2.599	2.3	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.661	0.600	9.2	104	0.00
91 T	1,2-Dichlorobenzene	1.686	1.599	5.2	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.222	0.193	13.1	98	0.00
93 T	1,2,4-Trichlorobenzene	0.847	0.920	-8.6	112	0.00
94 T	Hexachlorobutadiene	0.669	0.645	3.6	114	0.00
95 T	Naphthalene	2.313	2.357	-1.9	103	0.00
96 T	1,2,3-Trichlorobenzene	0.891	0.936	-5.1	110	0.00

(#) = Out of Range

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