

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN032119\
 Data File : VN054505.D
 Acq On : 21 Mar 2019 11:57
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 22 10:16:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 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	110	0.00
2 T	Dichlorodifluoromethane	0.478	0.493	-3.1	110	0.00
3 P	Chloromethane	0.650	0.626	3.7	104	0.00
4 C	Vinyl Chloride	0.653	0.618	5.4#	101	0.00
5 T	Bromomethane	0.422	0.359	14.9	99	0.00
6 T	Chloroethane	0.392	0.346	11.7	98	0.00
7 T	Trichlorofluoromethane	0.793	0.751	5.3	102	0.00
8 T	Diethyl Ether	0.305	0.273	10.5	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.431	7.5	103	0.00
10 T	Methyl Iodide	0.686	0.609	11.2	93	0.00
11 T	Tert butyl alcohol	0.038	0.036	5.3	98	0.00
12 CM	1,1-Dichloroethene	0.482	0.411	14.7#	94	0.00
13 T	Acrolein	0.052	0.047	9.6	96	0.00
14 T	Allyl chloride	0.908	0.900	0.9	107	0.00
15 T	Acrylonitrile	0.188	0.190	-1.1	105	0.00
16 T	Acetone	0.187	0.186	0.5	103	0.00
17 T	Carbon Disulfide	1.292	1.232	4.6	107	0.00
18 T	Methyl Acetate	0.417	0.406	2.6	103	0.00
19 T	Methyl tert-butyl Ether	1.407	1.370	2.6	103	0.00
20 T	Methylene Chloride	0.551	0.517	6.2	105	0.00
21 T	trans-1,2-Dichloroethene	0.492	0.492	0.0	106	0.00
22 T	Diisopropyl ether	1.791	1.805	-0.8	107	0.00
23 T	Vinyl Acetate	1.265	1.330	-5.1	106	0.00
24 P	1,1-Dichloroethane	0.964	0.959	0.5	106	0.00
25 T	2-Butanone	0.240	0.254	-5.8	105	0.00
26 T	2,2-Dichloropropane	0.688	0.714	-3.8	109	0.00
27 T	cis-1,2-Dichloroethene	0.587	0.562	4.3	104	0.00
28 T	Bromochloromethane	0.475	0.458	3.6	102	0.00
29 T	Tetrahydrofuran	0.155	0.160	-3.2	102	0.00
30 C	Chloroform	0.941	0.918	2.4#	104	0.00
31 T	Cyclohexane	1.121	0.956	14.7	112	0.00
32 T	1,1,1-Trichloroethane	0.777	0.782	-0.6	105	0.00
33 S	1,2-Dichloroethane-d4	0.622	0.603	3.1	102	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.322	0.326	-1.2	101	0.00
36 T	1,1-Dichloropropene	0.468	0.485	-3.6	109	0.00
37 T	Ethyl Acetate	0.333	0.348	-4.5	103	0.00
38 T	Carbon Tetrachloride	0.454	0.459	-1.1	106	0.00
39 T	Methylcyclohexane	0.535	0.580	-8.4	113	0.00
40 TM	Benzene	1.337	1.369	-2.4	105	0.00
41 T	Methacrylonitrile	0.203	0.205	-1.0	105	0.00
42 TM	1,2-Dichloroethane	0.487	0.486	0.2	104	0.00
43 T	Isopropyl Acetate	0.562	0.605	-7.7	105	0.00
44 TM	Trichloroethene	0.372	0.372	0.0	104	0.00
45 C	1,2-Dichloropropane	0.359	0.378	-5.3#	105	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.214	0.222	-3.7	105	0.00
47 T	Bromodichloromethane	0.444	0.468	-5.4	106	0.00
48 T	Methyl methacrylate	0.305	0.310	-1.6	102	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	99	0.00
50 S	Toluene-d8	1.211	1.229	-1.5	103	0.00
51 T	4-Methyl-2-Pentanone	0.311	0.338	-8.7	104	0.00
52 CM	Toluene	0.822	0.840	-2.2#	105	0.00
53 T	t-1,3-Dichloropropene	0.414	0.463	-11.8	106	0.00
54 T	cis-1,3-Dichloropropene	0.510	0.557	-9.2	106	0.00
55 T	1,1,2-Trichloroethane	0.296	0.303	-2.4	103	0.00
56 T	Ethyl methacrylate	0.397	0.431	-8.6	105	0.00
57 T	1,3-Dichloropropane	0.514	0.537	-4.5	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.163	0.167	-2.5	98	0.00
59 T	2-Hexanone	0.203	0.223	-9.9	106	0.00
60 T	Dibromochloromethane	0.315	0.338	-7.3	104	0.00
61 T	1,2-Dibromoethane	0.292	0.303	-3.8	103	0.00
62 S	4-Bromofluorobenzene	0.412	0.425	-3.2	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	103	0.00
64 T	Tetrachloroethene	0.415	0.401	3.4	102	0.00
65 PM	Chlorobenzene	1.017	1.028	-1.1	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.365	0.383	-4.9	104	0.00
67 C	Ethyl Benzene	1.796	1.826	-1.7#	105	0.00
68 T	m/p-Xylenes	0.680	0.696	-2.4	106	0.00
69 T	o-Xylene	0.664	0.665	-0.2	103	0.00
70 T	Styrene	1.079	1.118	-3.6	104	0.00
71 P	Bromoform	0.222	0.240	-8.1	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	4.029	3.915	2.8	106	0.00
74 T	N-amyl acetate	1.159	1.279	-10.4	106	0.00
75 P	1,1,2,2-Tetrachloroethane	0.920	0.936	-1.7	104	0.00
76 T	1,2,3-Trichloropropane	0.793	0.895	-12.9	117	0.00
77 T	Bromobenzene	0.999	0.963	3.6	103	0.00
78 T	n-propylbenzene	4.369	4.424	-1.3	108	0.00
79 T	2-Chlorotoluene	2.724	2.622	3.7	105	0.00
80 T	1,3,5-Trimethylbenzene	3.302	3.297	0.2	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.205	0.220	-7.3	105	0.00
82 T	4-Chlorotoluene	2.641	2.617	0.9	105	0.00
83 T	tert-Butylbenzene	2.874	2.851	0.8	106	0.00
84 T	1,2,4-Trimethylbenzene	3.240	3.232	0.2	104	0.00
85 T	sec-Butylbenzene	3.583	3.639	-1.6	109	0.00
86 T	p-Isopropyltoluene	3.206	3.329	-3.8	109	0.00
87 T	1,3-Dichlorobenzene	1.656	1.642	0.8	102	0.00
88 T	1,4-Dichlorobenzene	1.611	1.597	0.9	102	0.00
89 T	n-Butylbenzene	2.507	2.787	-11.2	112	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.498	0.539	-8.2	110	0.00
91 T	1,2-Dichlorobenzene	1.604	1.595	0.6	102	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.141	-4.4	96	0.00
93 T	1,2,4-Trichlorobenzene	0.800	0.896	-12.0	107	0.00
94 T	Hexachlorobutadiene	0.523	0.550	-5.2	117	0.00
95 T	Naphthalene	1.783	1.925	-8.0	102	0.00
96 T	1,2,3-Trichlorobenzene	0.796	0.867	-8.9	104	0.00

(#) = Out of Range

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