

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN032019\
 Data File : VN054503.D
 Acq On : 21 Mar 2019 10:19
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 22 07:28:50 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	97	0.00
2 T	Dichlorodifluoromethane	0.478	0.491	-2.7	97	0.00
3 P	Chloromethane	0.650	0.683	-5.1	100	0.00
4 C	Vinyl Chloride	0.653	0.689	-5.5#	99	0.00
5 T	Bromomethane	0.422	0.381	9.7	92	0.00
6 T	Chloroethane	0.392	0.391	0.3	97	0.00
7 T	Trichlorofluoromethane	0.793	0.802	-1.1	96	0.00
8 T	Diethyl Ether	0.305	0.311	-2.0	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.429	7.9	91	0.00
10 T	Methyl Iodide	0.686	0.692	-0.9	93	0.00
11 T	Tert butyl alcohol	0.038	0.041	-7.9	98	0.00
12 CM	1,1-Dichloroethene	0.482	0.464	3.7#	93	0.00
13 T	Acrolein	0.052	0.053	-1.9	95	0.00
14 T	Allyl chloride	0.908	0.936	-3.1	98	0.00
15 T	Acrylonitrile	0.188	0.215	-14.4	105	0.00
16 T	Acetone	0.187	0.156	16.6	76	0.00
17 T	Carbon Disulfide	1.292	1.265	2.1	97	0.00
18 T	Methyl Acetate	0.417	0.470	-12.7	106	0.00
19 T	Methyl tert-butyl Ether	1.407	1.558	-10.7	104	0.00
20 T	Methylene Chloride	0.551	0.575	-4.4	103	0.00
21 T	trans-1,2-Dichloroethene	0.492	0.537	-9.1	102	0.00
22 T	Diisopropyl ether	1.791	2.026	-13.1	106	0.00
23 T	Vinyl Acetate	1.265	1.471	-16.3	103	0.00
24 P	1,1-Dichloroethane	0.964	1.057	-9.6	103	0.00
25 T	2-Butanone	0.240	0.265	-10.4	97	0.00
26 T	2,2-Dichloropropane	0.688	0.456	33.7#	61	0.00
27 T	cis-1,2-Dichloroethene	0.587	0.619	-5.5	101	0.00
28 T	Bromochloromethane	0.475	0.536	-12.8	105	0.00
29 T	Tetrahydrofuran	0.155	0.184	-18.7	104	0.00
30 C	Chloroform	0.941	1.024	-8.8#	103	0.00
31 T	Cyclohexane	1.121	0.983	12.3	101	0.00
32 T	1,1,1-Trichloroethane	0.777	0.853	-9.8	101	0.00
33 S	1,2-Dichloroethane-d4	0.622	0.704	-13.2	104	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	103	0.00
35 S	Dibromofluoromethane	0.322	0.330	-2.5	102	0.00
36 T	1,1-Dichloropropene	0.468	0.449	4.1	101	0.00
37 T	Ethyl Acetate	0.333	0.353	-6.0	104	0.00
38 T	Carbon Tetrachloride	0.454	0.438	3.5	101	0.00
39 T	Methylcyclohexane	0.535	0.486	9.2	95	0.00
40 TM	Benzene	1.337	1.334	0.2	102	0.00
41 T	Methacrylonitrile	0.203	0.200	1.5	103	0.00
42 TM	1,2-Dichloroethane	0.487	0.490	-0.6	105	0.00
43 T	Isopropyl Acetate	0.562	0.620	-10.3	107	0.00
44 TM	Trichloroethene	0.372	0.358	3.8	100	0.00
45 C	1,2-Dichloropropane	0.359	0.376	-4.7#	104	0.00

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	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.214	0.220	-2.8	104	0.00
47 T	Bromodichloromethane	0.444	0.458	-3.2	104	0.00
48 T	Methyl methacrylate	0.305	0.319	-4.6	105	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	95	0.00
50 S	Toluene-d8	1.211	1.205	0.5	101	0.00
51 T	4-Methyl-2-Pentanone	0.311	0.341	-9.6	105	0.00
52 CM	Toluene	0.822	0.815	0.9#	102	0.00
53 T	t-1,3-Dichloropropene	0.414	0.416	-0.5	95	0.00
54 T	cis-1,3-Dichloropropene	0.510	0.502	1.6	96	0.00
55 T	1,1,2-Trichloroethane	0.296	0.304	-2.7	103	0.00
56 T	Ethyl methacrylate	0.397	0.426	-7.3	104	0.00
57 T	1,3-Dichloropropane	0.514	0.527	-2.5	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.163	0.172	-5.5	101	0.00
59 T	2-Hexanone	0.203	0.213	-4.9	101	0.00
60 T	Dibromochloromethane	0.315	0.328	-4.1	101	0.00
61 T	1,2-Dibromoethane	0.292	0.304	-4.1	103	0.00
62 S	4-Bromofluorobenzene	0.412	0.406	1.5	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.415	0.409	1.4	102	0.00
65 PM	Chlorobenzene	1.017	1.000	1.7	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.365	0.382	-4.7	103	0.00
67 C	Ethyl Benzene	1.796	1.763	1.8#	100	0.00
68 T	m/p-Xylenes	0.680	0.659	3.1	98	0.00
69 T	o-Xylene	0.664	0.645	2.9	99	0.00
70 T	Styrene	1.079	1.075	0.4	98	0.00
71 P	Bromoform	0.222	0.237	-6.8	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	4.029	3.821	5.2	99	0.00
74 T	N-amyl acetate	1.159	1.297	-11.9	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.920	0.968	-5.2	103	0.00
76 T	1,2,3-Trichloropropane	0.793	0.812	-2.4	101	0.00
77 T	Bromobenzene	0.999	0.959	4.0	98	0.00
78 T	n-propylbenzene	4.369	4.155	4.9	97	0.00
79 T	2-Chlorotoluene	2.724	2.549	6.4	98	0.00
80 T	1,3,5-Trimethylbenzene	3.302	3.157	4.4	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.205	0.186	9.3	85	0.00
82 T	4-Chlorotoluene	2.641	2.521	4.5	96	0.00
83 T	tert-Butylbenzene	2.874	2.768	3.7	99	0.00
84 T	1,2,4-Trimethylbenzene	3.240	3.099	4.4	96	0.00
85 T	sec-Butylbenzene	3.583	3.433	4.2	98	0.00
86 T	p-Isopropyltoluene	3.206	3.077	4.0	96	0.00
87 T	1,3-Dichlorobenzene	1.656	1.571	5.1	93	0.00
88 T	1,4-Dichlorobenzene	1.611	1.521	5.6	93	0.00
89 T	n-Butylbenzene	2.507	2.446	2.4	93	0.00

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90 T	Hexachloroethane	0.498	0.524	-5.2	103	0.00
91 T	1,2-Dichlorobenzene	1.604	1.559	2.8	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.150	-11.1	98	0.00
93 T	1,2,4-Trichlorobenzene	0.800	0.804	-0.5	92	0.00
94 T	Hexachlorobutadiene	0.523	0.472	9.8	96	0.00
95 T	Naphthalene	1.783	1.890	-6.0	96	0.00
96 T	1,2,3-Trichlorobenzene	0.796	0.828	-4.0	95	0.00

(#) = Out of Range

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