

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN022520\
 Data File : VN060243.D
 Acq On : 25 Feb 2020 18:37
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 25 23:14:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 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	106	0.00
2 T	Dichlorodifluoromethane	0.500	0.498	0.4	104	0.00
3 P	Chloromethane	0.595	0.853	-43.4#	154#	0.00
4 C	Vinyl Chloride	0.678	0.698	-2.9#	109	0.00
5 T	Bromomethane	0.416	0.241	42.1#	65	0.00
6 T	Chloroethane	0.343	0.367	-7.0	119	0.00
7 T	Trichlorofluoromethane	0.874	0.877	-0.3	110	0.00
8 T	Diethyl Ether	0.291	0.325	-11.7	120	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.485	0.490	-1.0	111	0.00
10 T	Methyl Iodide	0.601	0.417	30.6#	69	0.00
11 T	Tert butyl alcohol	0.091	0.094	-3.3	109	0.00
12 CM	1,1-Dichloroethene	0.473	0.492	-4.0#	113	0.00
13 T	Acrolein	0.090	0.060	33.3#	71	0.00
14 T	Allyl chloride	0.696	0.788	-13.2	128	0.00
15 T	Acrylonitrile	0.222	0.258	-16.2	119	0.00
16 T	Acetone	0.265	0.210	20.8	80	0.00
17 T	Carbon Disulfide	1.425	1.333	6.5	103	0.00
18 T	Methyl Acetate	0.499	0.693	-38.9#	144	0.00
19 T	Methyl tert-butyl Ether	1.590	1.741	-9.5	119	0.00
20 T	Methylene Chloride	0.529	0.550	-4.0	114	0.00
21 T	trans-1,2-Dichloroethene	0.515	0.529	-2.7	111	0.00
22 T	Diisopropyl ether	1.525	1.803	-18.2	128	0.00
23 T	Vinyl Acetate	1.281	1.464	-14.3	120	0.00
24 P	1,1-Dichloroethane	0.924	1.012	-9.5	119	0.00
25 T	2-Butanone	0.334	0.349	-4.5	104	0.00
26 T	2,2-Dichloropropane	0.877	0.886	-1.0	109	0.00
27 T	cis-1,2-Dichloroethene	0.603	0.631	-4.6	114	0.00
28 T	Bromochloromethane	0.363	0.409	-12.7	121	0.00
29 T	Tetrahydrofuran	0.205	0.235	-14.6	121	0.00
30 C	Chloroform	0.968	1.038	-7.2#	115	0.00
31 T	Cyclohexane	0.861	0.891	-3.5	115	0.00
32 T	1,1,1-Trichloroethane	0.884	0.927	-4.9	112	0.00
33 S	1,2-Dichloroethane-d4	0.608	0.645	-6.1	113	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.307	0.294	4.2	103	0.00
36 T	1,1-Dichloropropene	0.463	0.462	0.2	112	0.00
37 T	Ethyl Acetate	0.419	0.458	-9.3	121	0.00
38 T	Carbon Tetrachloride	0.503	0.475	5.6	107	0.00
39 T	Methylcyclohexane	0.575	0.553	3.8	109	0.00
40 TM	Benzene	1.374	1.386	-0.9	115	0.00
41 T	Methacrylonitrile	0.176	0.220	-25.0#	129	0.00
42 TM	1,2-Dichloroethane	0.481	0.500	-4.0	116	0.00
43 T	Isopropyl Acetate	0.715	0.792	-10.8	123	0.00
44 TM	Trichloroethene	0.380	0.398	-4.7	119	0.00
45 C	1,2-Dichloropropane	0.340	0.370	-8.8#	120	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	0.240	0.245	-2.1	113	0.00
47 T	Bromodichloromethane	0.489	0.495	-1.2	112	0.00
48 T	Methyl methacrylate	0.321	0.365	-13.7	125	0.00
49 T	1,4-Dioxane	0.005	0.005	0.0	101	0.00
50 S	Toluene-d8	1.210	1.185	2.1	108	0.00
51 T	4-Methyl-2-Pentanone	0.414	0.464	-12.1	120	0.00
52 CM	Toluene	0.881	0.880	0.1#	112	0.00
53 T	t-1,3-Dichloropropene	0.552	0.584	-5.8	116	0.00
54 T	cis-1,3-Dichloropropene	0.581	0.603	-3.8	115	0.00
55 T	1,1,2-Trichloroethane	0.344	0.350	-1.7	113	0.00
56 T	Ethyl methacrylate	0.486	0.549	-13.0	119	0.00
57 T	1,3-Dichloropropane	0.567	0.578	-1.9	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.226	0.273	-20.8	127	0.00
59 T	2-Hexanone	0.320	0.350	-9.4	113	0.00
60 T	Dibromochloromethane	0.394	0.381	3.3	106	0.00
61 T	1,2-Dibromoethane	0.360	0.364	-1.1	110	0.00
62 S	4-Bromofluorobenzene	0.445	0.461	-3.6	114	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 T	Tetrachloroethene	0.380	0.449	-18.2	136	0.00
65 PM	Chlorobenzene	1.019	0.993	2.6	110	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.372	3.4	108	0.00
67 C	Ethyl Benzene	1.837	1.833	0.2#	113	0.00
68 T	m/p-Xylenes	0.690	0.684	0.9	111	0.00
69 T	o-Xylene	0.664	0.663	0.2	112	0.00
70 T	Styrene	1.071	1.141	-6.5	116	0.00
71 P	Bromoform	0.310	0.285	8.1	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
73 T	Isopropylbenzene	3.734	3.419	8.4	110	0.00
74 T	N-amyl acetate	1.346	1.509	-12.1	125	0.00
75 P	1,1,2,2-Tetrachloroethane	1.075	0.926	13.9	100	0.00
76 T	1,2,3-Trichloropropane	0.957	0.915	4.4	110	0.00
77 T	Bromobenzene	0.927	1.156	-24.7	149	0.00
78 T	n-propylbenzene	4.254	3.989	6.2	113	0.00
79 T	2-Chlorotoluene	2.500	2.333	6.7	114	0.00
80 T	1,3,5-Trimethylbenzene	3.104	2.914	6.1	112	0.00
81 T	trans-1,4-Dichloro-2-butene	0.391	0.375	4.1	110	0.00
82 T	4-Chlorotoluene	2.565	2.477	3.4	116	0.00
83 T	tert-Butylbenzene	2.746	2.467	10.2	111	0.00
84 T	1,2,4-Trimethylbenzene	3.064	2.927	4.5	112	0.00
85 T	sec-Butylbenzene	3.637	3.343	8.1	110	0.00
86 T	p-Isopropyltoluene	3.295	3.075	6.7	112	0.00
87 T	1,3-Dichlorobenzene	1.640	1.556	5.1	112	0.00
88 T	1,4-Dichlorobenzene	1.640	1.562	4.8	113	0.00
89 T	n-Butylbenzene	2.898	2.827	2.4	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.616	0.398	35.4#	77	0.00
91 T	1,2-Dichlorobenzene	1.605	1.485	7.5	110	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.249	0.213	14.5	106	0.00
93 T	1,2,4-Trichlorobenzene	0.943	1.021	-8.3	121	0.00
94 T	Hexachlorobutadiene	0.552	0.430	22.1	95	0.00
95 T	Naphthalene	2.548	3.121	-22.5	133	0.00
96 T	1,2,3-Trichlorobenzene	0.939	0.968	-3.1	118	0.00

(#) = Out of Range

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