

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN072718\
 Data File : VN050130.D
 Acq On : 27 Jul 2018 15:08
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 27 23:41:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	119	0.00
2 T	Dichlorodifluoromethane	0.718	0.685	4.6	106	0.00
3 P	Chloromethane	0.781	0.613	21.5#	96	0.00
4 C	Vinyl Chloride	0.822	0.710	13.6#	106	0.00
5 T	Bromomethane	0.506	0.259	48.8#	68	0.00
6 T	Chloroethane	0.494	0.421	14.8	108	0.00
7 T	Trichlorofluoromethane	1.065	0.956	10.2	113	0.00
8 T	Diethyl Ether	0.355	0.335	5.6	115	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.641	0.584	8.9	116	0.00
10 T	Methyl Iodide	0.822	0.377	54.1#	53	0.00
11 T	Tert butyl alcohol	0.051	0.051	0.0	120	0.00
12 CM	1,1-Dichloroethene	0.576	0.526	8.7#	113	0.00
13 T	Acrolein	0.041	0.018	56.1#	50#	0.00
14 T	Allyl chloride	0.894	0.842	5.8	115	0.00
15 T	Acrylonitrile	0.224	0.205	8.5	110	0.00
16 T	Acetone	0.182	0.169	7.1	121	0.00
17 T	Carbon Disulfide	1.765	1.463	17.1	105	0.00
18 T	Methyl Acetate	0.833	0.645	22.6#	120	0.00
19 T	Methyl tert-butyl Ether	1.536	1.565	-1.9	118	0.00
20 T	Methylene Chloride	0.700	0.583	16.7	110	0.00
21 T	trans-1,2-Dichloroethene	0.611	0.561	8.2	113	0.00
22 T	Diisopropyl ether	1.772	1.758	0.8	113	0.00
23 T	Vinyl Acetate	1.252	1.217	2.8	111	0.00
24 P	1,1-Dichloroethane	1.159	1.054	9.1	113	0.00
25 T	2-Butanone	0.266	0.259	2.6	116	0.00
26 T	2,2-Dichloropropane	0.881	0.892	-1.2	127	0.00
27 T	cis-1,2-Dichloroethene	0.657	0.645	1.8	117	0.00
28 T	Bromochloromethane	0.528	0.498	5.7	115	0.00
29 T	Tetrahydrofuran	0.172	0.163	5.2	110	0.00
30 C	Chloroform	1.182	1.070	9.5#	114	0.00
31 T	Cyclohexane	1.112	0.892	19.8	112	0.00
32 T	1,1,1-Trichloroethane	1.011	0.933	7.7	115	0.00
33 S	1,2-Dichloroethane-d4	0.698	0.673	3.6	118	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	118	0.00
35 S	Dibromofluoromethane	0.408	0.423	-3.7	121	0.00
36 T	1,1-Dichloropropene	0.563	0.562	0.2	115	0.00
37 T	Ethyl Acetate	0.393	0.375	4.6	111	0.00
38 T	Carbon Tetrachloride	0.598	0.575	3.8	115	0.00
39 T	Methylcyclohexane	0.580	0.617	-6.4	120	0.00
40 TM	Benzene	1.714	1.678	2.1	113	0.00
41 T	Methacrylonitrile	0.184	0.226	-22.8#	160#	0.00
42 TM	1,2-Dichloroethane	0.572	0.545	4.7	114	0.00
43 T	Isopropyl Acetate	0.951	0.708	25.6#	114	0.00
44 TM	Trichloroethene	0.461	0.447	3.0	117	0.00
45 C	1,2-Dichloropropane	0.454	0.437	3.7#	113	0.00

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Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.282	0.273	3.2	113	0.00
47 T	Bromodichloromethane	0.595	0.577	3.0	115	0.00
48 T	Methyl methacrylate	0.338	0.352	-4.1	112	0.00
49 T	1,4-Dioxane	0.005	0.005	0.0	116	0.00
50 S	Toluene-d8	1.501	1.566	-4.3	119	0.00
51 T	4-Methyl-2-Pentanone	0.386	0.391	-1.3	111	0.00
52 CM	Toluene	1.012	1.051	-3.9#	114	0.00
53 T	t-1,3-Dichloropropene	0.561	0.597	-6.4	118	0.00
54 T	cis-1,3-Dichloropropene	0.642	0.668	-4.0	117	0.00
55 T	1,1,2-Trichloroethane	0.401	0.393	2.0	115	0.00
56 T	Ethyl methacrylate	0.474	0.525	-10.8	117	0.00
57 T	1,3-Dichloropropane	0.654	0.657	-0.5	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.221	0.247	-11.8	116	0.00
59 T	2-Hexanone	0.255	0.270	-5.9	112	0.00
60 T	Dibromochloromethane	0.444	0.452	-1.8	115	0.00
61 T	1,2-Dibromoethane	0.398	0.397	0.3	115	0.00
62 S	4-Bromofluorobenzene	0.494	0.546	-10.5	123	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
64 T	Tetrachloroethene	0.481	0.456	5.2	112	0.00
65 PM	Chlorobenzene	1.263	1.253	0.8	117	0.00
66 T	1,1,1,2-Tetrachloroethane	0.485	0.473	2.5	117	0.00
67 C	Ethyl Benzene	2.029	2.184	-7.6#	117	0.00
68 T	m/p-Xylenes	0.767	0.840	-9.5	117	0.00
69 T	o-Xylene	0.732	0.806	-10.1	118	0.00
70 T	Styrene	1.157	1.314	-13.6	117	0.00
71 P	Bromoform	0.353	0.356	-0.8	117	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	116	0.00
73 T	Isopropylbenzene	3.878	4.025	-3.8	119	0.00
74 T	N-amyl acetate	1.185	1.177	0.7	112	0.00
75 P	1,1,2,2-Tetrachloroethane	1.186	1.042	12.1	114	0.00
76 T	1,2,3-Trichloropropane	0.929	0.829	10.8	110	0.00
77 T	Bromobenzene	1.075	1.032	4.0	117	0.00
78 T	n-propylbenzene	4.334	4.611	-6.4	118	0.00
79 T	2-Chlorotoluene	2.686	2.740	-2.0	118	0.00
80 T	1,3,5-Trimethylbenzene	3.050	3.315	-8.7	119	0.00
81 T	trans-1,4-Dichloro-2-butene	0.293	0.292	0.3	113	0.00
82 T	4-Chlorotoluene	2.660	2.756	-3.6	116	0.00
83 T	tert-Butylbenzene	2.662	2.869	-7.8	120	0.00
84 T	1,2,4-Trimethylbenzene	3.074	3.379	-9.9	118	0.00
85 T	sec-Butylbenzene	3.557	3.861	-8.5	120	0.00
86 T	p-Isopropyltoluene	2.997	3.369	-12.4	120	0.00
87 T	1,3-Dichlorobenzene	1.822	1.830	-0.4	118	0.00
88 T	1,4-Dichlorobenzene	1.776	1.777	-0.1	117	0.00
89 T	n-Butylbenzene	2.464	2.768	-12.3	121	0.00

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90 T	Hexachloroethane	0.665	0.609	8.4	117	0.00
91 T	1,2-Dichlorobenzene	1.821	1.792	1.6	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.191	0.171	10.5	116	0.00
93 T	1,2,4-Trichlorobenzene	0.804	0.945	-17.5	120	0.00
94 T	Hexachlorobutadiene	0.558	0.555	0.5	123	0.00
95 T	Naphthalene	1.816	2.153	-18.6	120	0.00
96 T	1,2,3-Trichlorobenzene	0.814	0.918	-12.8	118	0.00

(#) = Out of Range

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