

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN120318\
 Data File : VN052619.D
 Acq On : 3 Dec 2018 9:20
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 04 00:54:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112718W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 03 03:24:02 2018
 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	102	0.00
2 T	Dichlorodifluoromethane	0.468	0.420	10.3	94	0.00
3 P	Chloromethane	0.618	0.539	12.8	90	0.00
4 C	Vinyl Chloride	0.635	0.563	11.3#	92	0.00
5 T	Bromomethane	0.396	0.342	13.6	97	0.00
6 T	Chloroethane	0.385	0.338	12.2	92	0.00
7 T	Trichlorofluoromethane	0.780	0.729	6.5	97	0.00
8 T	Diethyl Ether	0.288	0.266	7.6	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.487	0.475	2.5	102	0.00
10 T	Methyl Iodide	0.648	0.662	-2.2	100	0.00
11 T	Tert butyl alcohol	0.027	0.027	0.0	100	0.00
12 CM	1,1-Dichloroethene	0.468	0.433	7.5#	95	0.00
13 T	Acrolein	0.047	0.038	19.1	84	0.00
14 T	Allyl chloride	0.807	0.759	5.9	92	0.00
15 T	Acrylonitrile	0.173	0.162	6.4	93	0.00
16 T	Acetone	0.144	0.149	-3.5	106	0.00
17 T	Carbon Disulfide	1.474	1.286	12.8	91	0.00
18 T	Methyl Acetate	0.412	0.390	5.3	98	0.00
19 T	Methyl tert-butyl Ether	1.246	1.185	4.9	97	0.00
20 T	Methylene Chloride	0.562	0.500	11.0	95	0.00
21 T	trans-1,2-Dichloroethene	0.500	0.472	5.6	95	0.00
22 T	Diisopropyl ether	1.696	1.595	6.0	95	0.00
23 T	Vinyl Acetate	1.056	0.985	6.7	93	0.00
24 P	1,1-Dichloroethane	0.968	0.903	6.7	94	0.00
25 T	2-Butanone	0.204	0.197	3.4	97	0.00
26 T	2,2-Dichloropropane	0.670	0.671	-0.1	102	0.00
27 T	cis-1,2-Dichloroethene	0.583	0.546	6.3	96	0.00
28 T	Bromochloromethane	0.442	0.430	2.7	98	0.00
29 T	Tetrahydrofuran	0.131	0.120	8.4	92	0.00
30 C	Chloroform	0.966	0.888	8.1#	97	0.00
31 T	Cyclohexane	1.083	0.850	21.5	93	0.00
32 T	1,1,1-Trichloroethane	0.765	0.735	3.9	98	0.00
33 S	1,2-Dichloroethane-d4	0.544	0.512	5.9	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.308	0.309	-0.3	97	0.00
36 T	1,1-Dichloropropene	0.472	0.464	1.7	96	0.00
37 T	Ethyl Acetate	0.288	0.266	7.6	92	0.00
38 T	Carbon Tetrachloride	0.427	0.426	0.2	97	0.00
39 T	Methylcyclohexane	0.574	0.574	0.0	97	0.00
40 TM	Benzene	1.407	1.373	2.4	95	0.00
41 T	Methacrylonitrile	0.158	0.171	-8.2	101	0.00
42 TM	1,2-Dichloroethane	0.426	0.415	2.6	95	0.00
43 T	Isopropyl Acetate	0.488	0.475	2.7	95	0.00
44 TM	Trichloroethene	0.360	0.361	-0.3	98	0.00
45 C	1,2-Dichloropropane	0.374	0.365	2.4#	95	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	0.207	0.207	0.0	97	0.00
47 T	Bromodichloromethane	0.450	0.454	-0.9	98	0.00
48 T	Methyl methacrylate	0.254	0.240	5.5	92	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	99	0.00
50 S	Toluene-d8	1.200	1.206	-0.5	96	0.00
51 T	4-Methyl-2-Pentanone	0.274	0.270	1.5	94	0.00
52 CM	Toluene	0.836	0.847	-1.3#	97	0.00
53 T	t-1,3-Dichloropropene	0.433	0.455	-5.1	99	0.00
54 T	cis-1,3-Dichloropropene	0.519	0.541	-4.2	99	0.00
55 T	1,1,2-Trichloroethane	0.294	0.298	-1.4	98	0.00
56 T	Ethyl methacrylate	0.362	0.375	-3.6	96	0.00
57 T	1,3-Dichloropropane	0.519	0.512	1.3	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.219	-2.8	98	0.00
59 T	2-Hexanone	0.184	0.193	-4.9	98	0.00
60 T	Dibromochloromethane	0.319	0.338	-6.0	101	0.00
61 T	1,2-Dibromoethane	0.292	0.293	-0.3	98	0.00
62 S	4-Bromofluorobenzene	0.403	0.424	-5.2	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.388	0.389	-0.3	101	0.00
65 PM	Chlorobenzene	1.031	1.042	-1.1	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.358	0.363	-1.4	99	0.00
67 C	Ethyl Benzene	1.805	1.837	-1.8#	99	0.00
68 T	m/p-Xylenes	0.672	0.694	-3.3	99	0.00
69 T	o-Xylene	0.653	0.672	-2.9	99	0.00
70 T	Styrene	1.040	1.109	-6.6	100	0.00
71 P	Bromoform	0.237	0.255	-7.6	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.923	3.830	2.4	100	0.00
74 T	N-amyl acetate	0.991	0.958	3.3	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.892	0.826	7.4	97	0.00
76 T	1,2,3-Trichloropropane	0.771	0.695	9.9	96	0.00
77 T	Bromobenzene	0.970	0.941	3.0	100	0.00
78 T	n-propylbenzene	4.456	4.464	-0.2	101	0.00
79 T	2-Chlorotoluene	2.654	2.571	3.1	100	0.00
80 T	1,3,5-Trimethylbenzene	3.129	3.116	0.4	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.231	0.241	-4.3	103	0.00
82 T	4-Chlorotoluene	2.675	2.632	1.6	100	0.00
83 T	tert-Butylbenzene	2.789	2.745	1.6	102	0.00
84 T	1,2,4-Trimethylbenzene	3.135	3.143	-0.3	100	0.00
85 T	sec-Butylbenzene	3.799	3.803	-0.1	102	0.00
86 T	p-Isopropyltoluene	3.236	3.307	-2.2	103	0.00
87 T	1,3-Dichlorobenzene	1.696	1.711	-0.9	103	0.00
88 T	1,4-Dichlorobenzene	1.671	1.679	-0.5	103	0.00
89 T	n-Butylbenzene	2.691	2.865	-6.5	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.548	0.557	-1.6	104	0.00
91 T	1,2-Dichlorobenzene	1.620	1.616	0.2	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.128	0.125	2.3	98	0.00
93 T	1,2,4-Trichlorobenzene	0.766	0.880	-14.9	106	0.00
94 T	Hexachlorobutadiene	0.521	0.520	0.2	107	0.00
95 T	Naphthalene	1.582	1.763	-11.4	102	0.00
96 T	1,2,3-Trichlorobenzene	0.716	0.797	-11.3	106	0.00

(#) = Out of Range

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