

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091018\
 Data File : VN051089.D
 Acq On : 10 Sep 2018 20:16
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 11 04:44:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091018W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 02:27:09 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	91	0.00
2 T	Dichlorodifluoromethane	0.482	0.453	6.0	91	0.00
3 P	Chloromethane	0.686	0.631	8.0	94	0.00
4 C	Vinyl Chloride	0.662	0.631	4.7#	92	0.00
5 T	Bromomethane	0.443	0.371	16.3	92	0.00
6 T	Chloroethane	0.408	0.387	5.1	93	0.00
7 T	Trichlorofluoromethane	0.877	0.842	4.0	93	0.00
8 T	Diethyl Ether	0.323	0.321	0.6	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.565	0.532	5.8	91	0.00
10 T	Methyl Iodide	0.483	0.510	-5.6	96	0.00
11 T	Tert butyl alcohol	0.043	0.040	7.0	98	0.00
12 CM	1,1-Dichloroethene	0.533	0.512	3.9#	92	0.00
13 T	Acrolein	0.048	0.051	-6.2	96	0.00
14 T	Allyl chloride	0.813	0.781	3.9	89	0.00
15 T	Acrylonitrile	0.188	0.196	-4.3	98	0.00
16 T	Acetone	0.155	0.131	15.5	89	0.00
17 T	Carbon Disulfide	1.755	1.493	14.9	88	0.00
18 T	Methyl Acetate	0.446	0.431	3.4	98	0.00
19 T	Methyl tert-butyl Ether	1.410	1.442	-2.3	93	0.00
20 T	Methylene Chloride	0.615	0.586	4.7	93	0.00
21 T	trans-1,2-Dichloroethene	0.578	0.551	4.7	92	0.00
22 T	Diisopropyl ether	1.613	1.688	-4.6	93	0.00
23 T	Vinyl Acetate	1.092	1.146	-4.9	93	0.00
24 P	1,1-Dichloroethane	1.023	1.005	1.8	92	0.00
25 T	2-Butanone	0.219	0.212	3.2	94	0.00
26 T	2,2-Dichloropropane	0.838	0.766	8.6	87	0.00
27 T	cis-1,2-Dichloroethene	0.635	0.621	2.2	92	0.00
28 T	Bromochloromethane	0.455	0.457	-0.4	92	0.00
29 T	Tetrahydrofuran	0.137	0.144	-5.1	98	0.00
30 C	Chloroform	1.018	1.011	0.7#	93	0.00
31 T	Cyclohexane	1.035	0.892	13.8	90	0.00
32 T	1,1,1-Trichloroethane	0.867	0.857	1.2	93	0.00
33 S	1,2-Dichloroethane-d4	0.556	0.574	-3.2	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.376	0.393	-4.5	96	0.00
36 T	1,1-Dichloropropene	0.549	0.544	0.9	91	0.00
37 T	Ethyl Acetate	0.318	0.344	-8.2	99	0.00
38 T	Carbon Tetrachloride	0.540	0.527	2.4	91	0.00
39 T	Methylcyclohexane	0.606	0.604	0.3	89	0.00
40 TM	Benzene	1.654	1.666	-0.7	93	0.00
41 T	Methacrylonitrile	0.164	0.187	-14.0	109	0.01
42 TM	1,2-Dichloroethane	0.482	0.486	-0.8	94	0.00
43 T	Isopropyl Acetate	0.561	0.583	-3.9	95	0.00
44 TM	Trichloroethene	0.452	0.440	2.7	91	0.00
45 C	1,2-Dichloropropane	0.427	0.434	-1.6#	94	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	0.261	0.257	1.5	94	0.00
47 T	Bromodichloromethane	0.530	0.538	-1.5	93	0.00
48 T	Methyl methacrylate	0.273	0.296	-8.4	97	0.00
49 T	1,4-Dioxane	0.004	0.005	-25.0#	99	0.00
50 S	Toluene-d8	1.426	1.485	-4.1	94	0.00
51 T	4-Methyl-2-Pentanone	0.310	0.333	-7.4	98	0.00
52 CM	Toluene	1.009	1.033	-2.4#	92	0.00
53 T	t-1,3-Dichloropropene	0.531	0.541	-1.9	91	0.00
54 T	cis-1,3-Dichloropropene	0.622	0.634	-1.9	91	0.00
55 T	1,1,2-Trichloroethane	0.366	0.379	-3.6	95	0.00
56 T	Ethyl methacrylate	0.439	0.484	-10.3	95	0.00
57 T	1,3-Dichloropropane	0.607	0.624	-2.8	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.179	0.200	-11.7	94	0.00
59 T	2-Hexanone	0.210	0.217	-3.3	95	0.00
60 T	Dibromochloromethane	0.413	0.424	-2.7	94	0.00
61 T	1,2-Dibromoethane	0.358	0.371	-3.6	95	0.00
62 S	4-Bromofluorobenzene	0.472	0.498	-5.5	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.456	0.431	5.5	92	0.00
65 PM	Chlorobenzene	1.260	1.229	2.5	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.454	0.448	1.3	93	0.00
67 C	Ethyl Benzene	2.041	2.076	-1.7#	92	0.00
68 T	m/p-Xylenes	0.784	0.813	-3.7	92	0.00
69 T	o-Xylene	0.759	0.789	-4.0	93	0.00
70 T	Styrene	1.178	1.273	-8.1	93	0.00
71 P	Bromoform	0.319	0.329	-3.1	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	4.193	4.036	3.7	92	0.00
74 T	N-amyl acetate	1.055	1.034	2.0	94	0.00
75 P	1,1,2,2-Tetrachloroethane	1.116	1.011	9.4	97	0.00
76 T	1,2,3-Trichloropropane	0.894	0.797	10.9	99	0.00
77 T	Bromobenzene	1.126	1.051	6.7	94	0.00
78 T	n-propylbenzene	4.609	4.530	1.7	92	0.00
79 T	2-Chlorotoluene	2.881	2.733	5.1	93	0.00
80 T	1,3,5-Trimethylbenzene	3.390	3.345	1.3	93	0.00
81 T	trans-1,4-Dichloro-2-butene	0.263	0.259	1.5	93	0.00
82 T	4-Chlorotoluene	2.860	2.730	4.5	93	0.00
83 T	tert-Butylbenzene	2.993	2.860	4.4	92	0.00
84 T	1,2,4-Trimethylbenzene	3.333	3.390	-1.7	93	0.00
85 T	sec-Butylbenzene	3.838	3.758	2.1	92	0.00
86 T	p-Isopropyltoluene	3.254	3.307	-1.6	92	0.00
87 T	1,3-Dichlorobenzene	1.911	1.792	6.2	92	0.00
88 T	1,4-Dichlorobenzene	1.883	1.737	7.8	92	0.00
89 T	n-Butylbenzene	2.533	2.541	-0.3	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.665	0.582	12.5	92	0.00
91 T	1,2-Dichlorobenzene	1.862	1.748	6.1	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.142	12.9	96	0.00
93 T	1,2,4-Trichlorobenzene	0.802	0.778	3.0	87	0.00
94 T	Hexachlorobutadiene	0.656	0.546	16.8	90	0.00
95 T	Naphthalene	1.699	1.552	8.7	89	0.00
96 T	1,2,3-Trichlorobenzene	0.831	0.776	6.6	89	0.00

(#) = Out of Range

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