

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN091118\
 Data File : VN051110.D
 Acq On : 11 Sep 2018 7:56
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 12 01:16:34 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	96	0.00
2 T	Dichlorodifluoromethane	0.482	0.443	8.1	94	0.00
3 P	Chloromethane	0.686	0.587	14.4	91	0.00
4 C	Vinyl Chloride	0.662	0.605	8.6#	92	0.00
5 T	Bromomethane	0.443	0.367	17.2	96	0.00
6 T	Chloroethane	0.408	0.372	8.8	94	0.00
7 T	Trichlorofluoromethane	0.877	0.819	6.6	94	0.00
8 T	Diethyl Ether	0.323	0.310	4.0	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.565	0.536	5.1	96	0.00
10 T	Methyl Iodide	0.483	0.485	-0.4	96	0.00
11 T	Tert butyl alcohol	0.043	0.037	14.0	94	0.00
12 CM	1,1-Dichloroethene	0.533	0.496	6.9#	93	0.00
13 T	Acrolein	0.048	0.049	-2.1	99	0.00
14 T	Allyl chloride	0.813	0.775	4.7	92	0.00
15 T	Acrylonitrile	0.188	0.176	6.4	92	0.00
16 T	Acetone	0.155	0.151	2.6	108	0.00
17 T	Carbon Disulfide	1.755	1.456	17.0	91	0.00
18 T	Methyl Acetate	0.446	0.403	9.6	96	0.00
19 T	Methyl tert-butyl Ether	1.410	1.374	2.6	93	0.00
20 T	Methylene Chloride	0.615	0.561	8.8	93	0.00
21 T	trans-1,2-Dichloroethene	0.578	0.533	7.8	93	0.00
22 T	Diisopropyl ether	1.613	1.597	1.0	93	0.00
23 T	Vinyl Acetate	1.092	1.081	1.0	92	0.00
24 P	1,1-Dichloroethane	1.023	0.963	5.9	93	0.00
25 T	2-Butanone	0.219	0.212	3.2	98	0.00
26 T	2,2-Dichloropropane	0.838	0.789	5.8	94	0.00
27 T	cis-1,2-Dichloroethene	0.635	0.595	6.3	92	0.00
28 T	Bromochloromethane	0.455	0.431	5.3	91	0.00
29 T	Tetrahydrofuran	0.137	0.130	5.1	93	0.00
30 C	Chloroform	1.018	0.956	6.1#	92	0.00
31 T	Cyclohexane	1.035	0.886	14.4	94	0.00
32 T	1,1,1-Trichloroethane	0.867	0.826	4.7	94	0.00
33 S	1,2-Dichloroethane-d4	0.556	0.544	2.2	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.376	0.378	-0.5	95	0.00
36 T	1,1-Dichloropropene	0.549	0.538	2.0	94	0.00
37 T	Ethyl Acetate	0.318	0.311	2.2	92	0.00
38 T	Carbon Tetrachloride	0.540	0.519	3.9	93	0.00
39 T	Methylcyclohexane	0.606	0.620	-2.3	95	0.00
40 TM	Benzene	1.654	1.607	2.8	93	0.00
41 T	Methacrylonitrile	0.164	0.144	12.2	87	0.00
42 TM	1,2-Dichloroethane	0.482	0.467	3.1	94	0.00
43 T	Isopropyl Acetate	0.561	0.562	-0.2	95	0.00
44 TM	Trichloroethene	0.452	0.436	3.5	94	0.00
45 C	1,2-Dichloropropane	0.427	0.416	2.6#	93	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	0.244	6.5	92	0.00
47 T	Bromodichloromethane	0.530	0.521	1.7	93	0.00
48 T	Methyl methacrylate	0.273	0.273	0.0	93	0.00
49 T	1,4-Dioxane	0.004	0.004	0.0	94	0.00
50 S	Toluene-d8	1.426	1.456	-2.1	96	0.00
51 T	4-Methyl-2-Pentanone	0.310	0.305	1.6	93	0.00
52 CM	Toluene	1.009	1.008	0.1#	93	0.00
53 T	t-1,3-Dichloropropene	0.531	0.534	-0.6	93	0.00
54 T	cis-1,3-Dichloropropene	0.622	0.629	-1.1	94	0.00
55 T	1,1,2-Trichloroethane	0.366	0.357	2.5	93	0.00
56 T	Ethyl methacrylate	0.439	0.457	-4.1	93	0.00
57 T	1,3-Dichloropropane	0.607	0.592	2.5	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.179	0.190	-6.1	92	0.00
59 T	2-Hexanone	0.210	0.212	-1.0	96	0.00
60 T	Dibromochloromethane	0.413	0.405	1.9	93	0.00
61 T	1,2-Dibromoethane	0.358	0.355	0.8	94	0.00
62 S	4-Bromofluorobenzene	0.472	0.490	-3.8	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.456	0.435	4.6	94	0.00
65 PM	Chlorobenzene	1.260	1.226	2.7	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.454	0.442	2.6	93	0.00
67 C	Ethyl Benzene	2.041	2.090	-2.4#	94	0.00
68 T	m/p-Xylenes	0.784	0.815	-4.0	93	0.00
69 T	o-Xylene	0.759	0.791	-4.2	94	0.00
70 T	Styrene	1.178	1.274	-8.1	94	0.00
71 P	Bromoform	0.319	0.314	1.6	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	4.193	4.005	4.5	94	0.00
74 T	N-amyl acetate	1.055	1.028	2.6	96	0.00
75 P	1,1,2,2-Tetrachloroethane	1.116	0.952	14.7	94	0.00
76 T	1,2,3-Trichloropropane	0.894	0.796	11.0	101	0.00
77 T	Bromobenzene	1.126	1.035	8.1	95	0.00
78 T	n-propylbenzene	4.609	4.533	1.6	95	0.00
79 T	2-Chlorotoluene	2.881	2.694	6.5	94	0.00
80 T	1,3,5-Trimethylbenzene	3.390	3.295	2.8	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.263	0.254	3.4	94	0.00
82 T	4-Chlorotoluene	2.860	2.703	5.5	94	0.00
83 T	tert-Butylbenzene	2.993	2.917	2.5	96	0.00
84 T	1,2,4-Trimethylbenzene	3.333	3.342	-0.3	94	0.00
85 T	sec-Butylbenzene	3.838	3.761	2.0	95	0.00
86 T	p-Isopropyltoluene	3.254	3.363	-3.3	96	0.00
87 T	1,3-Dichlorobenzene	1.911	1.784	6.6	95	0.00
88 T	1,4-Dichlorobenzene	1.883	1.750	7.1	95	0.00
89 T	n-Butylbenzene	2.533	2.680	-5.8	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.665	0.575	13.5	93	0.00
91 T	1,2-Dichlorobenzene	1.862	1.715	7.9	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.136	16.6	95	0.00
93 T	1,2,4-Trichlorobenzene	0.802	0.816	-1.7	94	0.00
94 T	Hexachlorobutadiene	0.656	0.565	13.9	96	0.00
95 T	Naphthalene	1.699	1.567	7.8	92	0.00
96 T	1,2,3-Trichlorobenzene	0.831	0.785	5.5	92	0.00

(#) = Out of Range

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