

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111218\
 Data File : VN052251.D
 Acq On : 12 Nov 2018 9:37
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 13 00:29:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 12 00:34:27 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	118	0.00
2 T	Dichlorodifluoromethane	0.544	0.550	-1.1	121	0.00
3 P	Chloromethane	0.759	0.713	6.1	115	0.00
4 C	Vinyl Chloride	0.632	0.611	3.3#	117	0.00
5 T	Bromomethane	0.401	0.369	8.0	117	0.00
6 T	Chloroethane	0.375	0.338	9.9	116	0.00
7 T	Trichlorofluoromethane	0.880	0.854	3.0	121	0.00
8 T	Diethyl Ether	0.346	0.309	10.7	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.565	0.541	4.2	122	0.00
10 T	Methyl Iodide	0.733	0.699	4.6	113	0.00
11 T	Tert butyl alcohol	0.035	0.031	11.4	95	-0.01
12 CM	1,1-Dichloroethene	0.523	0.482	7.8#	115	0.00
13 T	Acrolein	0.047	0.043	8.5	106	0.00
14 T	Allyl chloride	1.094	1.018	6.9	115	0.00
15 T	Acrylonitrile	0.215	0.184	14.4	99	0.00
16 T	Acetone	0.199	0.184	7.5	121	0.00
17 T	Carbon Disulfide	1.516	1.521	-0.3	123	0.00
18 T	Methyl Acetate	0.571	0.455	20.3	98	0.00
19 T	Methyl tert-butyl Ether	1.493	1.359	9.0	110	0.00
20 T	Methylene Chloride	0.623	0.570	8.5	114	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.535	5.8	117	0.00
22 T	Diisopropyl ether	2.194	2.062	6.0	115	0.00
23 T	Vinyl Acetate	1.505	1.397	7.2	108	0.00
24 P	1,1-Dichloroethane	1.159	1.076	7.2	117	0.00
25 T	2-Butanone	0.292	0.247	15.4	104	0.00
26 T	2,2-Dichloropropane	0.846	0.850	-0.5	126	0.00
27 T	cis-1,2-Dichloroethene	0.636	0.601	5.5	115	0.00
28 T	Bromochloromethane	0.573	0.519	9.4	108	0.00
29 T	Tetrahydrofuran	0.190	0.150	21.1	95	0.00
30 C	Chloroform	1.097	1.032	5.9#	117	0.00
31 T	Cyclohexane	1.345	1.057	21.4	119	0.00
32 T	1,1,1-Trichloroethane	0.894	0.870	2.7	119	0.00
33 S	1,2-Dichloroethane-d4	0.684	0.627	8.3	111	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	114	0.00
35 S	Dibromofluoromethane	0.324	0.319	1.5	114	0.00
36 T	1,1-Dichloropropene	0.505	0.499	1.2	116	0.00
37 T	Ethyl Acetate	0.380	0.325	14.5	101	0.00
38 T	Carbon Tetrachloride	0.457	0.474	-3.7	120	0.00
39 T	Methylcyclohexane	0.576	0.613	-6.4	123	0.00
40 TM	Benzene	1.445	1.425	1.4	116	0.00
41 T	Methacrylonitrile	0.221	0.152	31.2#	85	-0.01
42 TM	1,2-Dichloroethane	0.507	0.470	7.3	113	0.00
43 T	Isopropyl Acetate	0.662	0.585	11.6	102	0.00
44 TM	Trichloroethene	0.362	0.354	2.2	116	0.00
45 C	1,2-Dichloropropane	0.404	0.395	2.2#	115	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.232	0.219	5.6	111	0.00
47 T	Bromodichloromethane	0.480	0.479	0.2	118	0.00
48 T	Methyl methacrylate	0.349	0.302	13.5	101	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	95	0.00
50 S	Toluene-d8	1.268	1.237	2.4	113	0.00
51 T	4-Methyl-2-Pentanone	0.365	0.314	14.0	98	0.00
52 CM	Toluene	0.872	0.862	1.1#	115	0.00
53 T	t-1,3-Dichloropropene	0.474	0.494	-4.2	117	0.00
54 T	cis-1,3-Dichloropropene	0.560	0.575	-2.7	117	0.00
55 T	1,1,2-Trichloroethane	0.315	0.292	7.3	109	0.00
56 T	Ethyl methacrylate	0.426	0.393	7.7	105	0.00
57 T	1,3-Dichloropropane	0.564	0.524	7.1	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.236	0.224	5.1	104	0.00
59 T	2-Hexanone	0.257	0.231	10.1	104	0.00
60 T	Dibromochloromethane	0.320	0.335	-4.7	116	0.00
61 T	1,2-Dibromoethane	0.310	0.290	6.5	109	0.00
62 S	4-Bromofluorobenzene	0.410	0.415	-1.2	117	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	116	0.00
64 T	Tetrachloroethene	0.350	0.355	-1.4	121	0.00
65 PM	Chlorobenzene	1.059	1.033	2.5	117	0.00
66 T	1,1,1,2-Tetrachloroethane	0.359	0.368	-2.5	119	0.00
67 C	Ethyl Benzene	1.864	1.862	0.1#	117	0.00
68 T	m/p-Xylenes	0.694	0.699	-0.7	118	0.00
69 T	o-Xylene	0.663	0.671	-1.2	116	0.00
70 T	Styrene	1.071	1.089	-1.7	115	0.00
71 P	Bromoform	0.214	0.222	-3.7	114	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.00
73 T	Isopropylbenzene	4.087	3.934	3.7	118	0.00
74 T	N-amyl acetate	1.484	1.330	10.4	104	0.00
75 P	1,1,2,2-Tetrachloroethane	1.002	0.832	17.0	104	0.00
76 T	1,2,3-Trichloropropane	0.885	0.722	18.4	99	0.00
77 T	Bromobenzene	0.957	0.889	7.1	115	0.00
78 T	n-propylbenzene	4.787	4.751	0.8	120	0.00
79 T	2-Chlorotoluene	2.773	2.676	3.5	119	0.00
80 T	1,3,5-Trimethylbenzene	3.251	3.208	1.3	119	0.00
81 T	trans-1,4-Dichloro-2-butene	0.259	0.255	1.5	109	0.00
82 T	4-Chlorotoluene	2.783	2.707	2.7	119	0.00
83 T	tert-Butylbenzene	2.838	2.811	1.0	121	0.00
84 T	1,2,4-Trimethylbenzene	3.277	3.252	0.8	119	0.00
85 T	sec-Butylbenzene	3.892	3.924	-0.8	120	0.00
86 T	p-Isopropyltoluene	3.256	3.370	-3.5	122	0.00
87 T	1,3-Dichlorobenzene	1.666	1.637	1.7	117	0.00
88 T	1,4-Dichlorobenzene	1.667	1.614	3.2	118	0.00
89 T	n-Butylbenzene	2.899	3.105	-7.1	124	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.571	0.589	-3.2	125	0.00
91 T	1,2-Dichlorobenzene	1.625	1.535	5.5	114	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.142	0.127	10.6	101	0.00
93 T	1,2,4-Trichlorobenzene	0.643	0.699	-8.7	115	0.00
94 T	Hexachlorobutadiene	0.349	0.367	-5.2	127	0.00
95 T	Naphthalene	1.584	1.527	3.6	101	0.00
96 T	1,2,3-Trichlorobenzene	0.608	0.616	-1.3	113	0.00

(#) = Out of Range

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