

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111318\
 Data File : VN052277.D
 Acq On : 13 Nov 2018 10:36
 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 14 00:18:05 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	101	0.00
2 T	Dichlorodifluoromethane	0.544	0.537	1.3	101	0.00
3 P	Chloromethane	0.759	0.708	6.7	98	0.00
4 C	Vinyl Chloride	0.632	0.611	3.3#	100	0.00
5 T	Bromomethane	0.401	0.352	12.2	96	0.00
6 T	Chloroethane	0.375	0.332	11.5	98	0.00
7 T	Trichlorofluoromethane	0.880	0.841	4.4	102	0.00
8 T	Diethyl Ether	0.346	0.325	6.1	101	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.565	0.542	4.1	105	0.00
10 T	Methyl Iodide	0.733	0.697	4.9	97	0.00
11 T	Tert butyl alcohol	0.035	0.039	-11.4	103	0.00
12 CM	1,1-Dichloroethene	0.523	0.486	7.1#	99	0.00
13 T	Acrolein	0.047	0.044	6.4	94	0.00
14 T	Allyl chloride	1.094	0.926	15.4	90	0.00
15 T	Acrylonitrile	0.215	0.211	1.9	97	0.00
16 T	Acetone	0.199	0.207	-4.0	117	0.00
17 T	Carbon Disulfide	1.516	1.434	5.4	100	0.00
18 T	Methyl Acetate	0.571	0.536	6.1	99	0.00
19 T	Methyl tert-butyl Ether	1.493	1.448	3.0	101	0.00
20 T	Methylene Chloride	0.623	0.574	7.9	99	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.532	6.3	100	0.00
22 T	Diisopropyl ether	2.194	2.080	5.2	99	0.00
23 T	Vinyl Acetate	1.505	1.499	0.4	99	0.00
24 P	1,1-Dichloroethane	1.159	1.080	6.8	100	0.00
25 T	2-Butanone	0.292	0.293	-0.3	106	0.00
26 T	2,2-Dichloropropane	0.846	0.841	0.6	107	0.00
27 T	cis-1,2-Dichloroethene	0.636	0.609	4.2	100	0.00
28 T	Bromochloromethane	0.573	0.546	4.7	98	0.00
29 T	Tetrahydrofuran	0.190	0.181	4.7	98	0.00
30 C	Chloroform	1.097	1.057	3.6#	103	0.00
31 T	Cyclohexane	1.345	1.051	21.9	102	0.00
32 T	1,1,1-Trichloroethane	0.894	0.874	2.2	102	0.00
33 S	1,2-Dichloroethane-d4	0.684	0.663	3.1	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.324	0.318	1.9	98	0.00
36 T	1,1-Dichloropropene	0.505	0.499	1.2	101	0.00
37 T	Ethyl Acetate	0.380	0.368	3.2	99	0.00
38 T	Carbon Tetrachloride	0.457	0.470	-2.8	103	0.00
39 T	Methylcyclohexane	0.576	0.607	-5.4	105	0.00
40 TM	Benzene	1.445	1.423	1.5	100	0.00
41 T	Methacrylonitrile	0.221	0.188	14.9	90	0.00
42 TM	1,2-Dichloroethane	0.507	0.495	2.4	103	0.00
43 T	Isopropyl Acetate	0.662	0.669	-1.1	101	0.00
44 TM	Trichloroethene	0.362	0.353	2.5	100	0.00
45 C	1,2-Dichloropropane	0.404	0.402	0.5#	101	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	0.233	-0.4	102	0.00
47 T	Bromodichloromethane	0.480	0.483	-0.6	103	0.00
48 T	Methyl methacrylate	0.349	0.345	1.1	100	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	102	0.00
50 S	Toluene-d8	1.268	1.254	1.1	99	0.00
51 T	4-Methyl-2-Pentanone	0.365	0.371	-1.6	100	0.00
52 CM	Toluene	0.872	0.861	1.3#	100	0.00
53 T	t-1,3-Dichloropropene	0.474	0.502	-5.9	102	0.00
54 T	cis-1,3-Dichloropropene	0.560	0.581	-3.7	102	0.00
55 T	1,1,2-Trichloroethane	0.315	0.311	1.3	100	0.00
56 T	Ethyl methacrylate	0.426	0.432	-1.4	100	0.00
57 T	1,3-Dichloropropane	0.564	0.557	1.2	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.236	0.245	-3.8	98	0.00
59 T	2-Hexanone	0.257	0.269	-4.7	104	0.00
60 T	Dibromochloromethane	0.320	0.346	-8.1	104	0.00
61 T	1,2-Dibromoethane	0.310	0.313	-1.0	102	0.00
62 S	4-Bromofluorobenzene	0.410	0.423	-3.2	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	99	0.00
64 T	Tetrachloroethene	0.350	0.355	-1.4	104	0.00
65 PM	Chlorobenzene	1.059	1.046	1.2	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.359	0.370	-3.1	103	0.00
67 C	Ethyl Benzene	1.864	1.899	-1.9#	103	0.00
68 T	m/p-Xylenes	0.694	0.704	-1.4	102	0.00
69 T	o-Xylene	0.663	0.671	-1.2	99	0.00
70 T	Styrene	1.071	1.121	-4.7	102	0.00
71 P	Bromoform	0.214	0.232	-8.4	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	4.087	3.976	2.7	102	0.00
74 T	N-amyl acetate	1.484	1.501	-1.1	101	0.00
75 P	1,1,2,2-Tetrachloroethane	1.002	0.949	5.3	102	0.00
76 T	1,2,3-Trichloropropane	0.885	0.841	5.0	99	0.00
77 T	Bromobenzene	0.957	0.916	4.3	102	0.00
78 T	n-propylbenzene	4.787	4.788	-0.0	104	0.00
79 T	2-Chlorotoluene	2.773	2.697	2.7	103	0.00
80 T	1,3,5-Trimethylbenzene	3.251	3.232	0.6	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.259	0.275	-6.2	101	0.00
82 T	4-Chlorotoluene	2.783	2.788	-0.2	105	0.00
83 T	tert-Butylbenzene	2.838	2.771	2.4	102	0.00
84 T	1,2,4-Trimethylbenzene	3.277	3.283	-0.2	103	0.00
85 T	sec-Butylbenzene	3.892	3.979	-2.2	104	0.00
86 T	p-Isopropyltoluene	3.256	3.388	-4.1	106	0.00
87 T	1,3-Dichlorobenzene	1.666	1.668	-0.1	102	0.00
88 T	1,4-Dichlorobenzene	1.667	1.672	-0.3	105	0.00
89 T	n-Butylbenzene	2.899	3.092	-6.7	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.571	0.591	-3.5	108	0.00
91 T	1,2-Dichlorobenzene	1.625	1.611	0.9	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.142	0.144	-1.4	98	0.00
93 T	1,2,4-Trichlorobenzene	0.643	0.753	-17.1	107	0.00
94 T	Hexachlorobutadiene	0.349	0.376	-7.7	112	0.00
95 T	Naphthalene	1.584	1.726	-9.0	98	0.00
96 T	1,2,3-Trichlorobenzene	0.608	0.667	-9.7	105	0.00

(#) = Out of Range

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