

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101618\
 Data File : VN051880.D
 Acq On : 16 Oct 2018 8:37
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 17 02:58:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N101118W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 09:51:20 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	108	0.00
2 T	Dichlorodifluoromethane	0.278	0.271	2.5	115	0.00
3 P	Chloromethane	0.336	0.276	17.9	97	0.00
4 C	Vinyl Chloride	0.504	0.417	17.3#	94	0.00
5 T	Bromomethane	0.455	0.297	34.7#	76	0.00
6 T	Chloroethane	0.370	0.311	15.9	95	0.00
7 T	Trichlorofluoromethane	0.749	0.689	8.0	105	0.00
8 T	Diethyl Ether	0.206	0.192	6.8	108	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.399	0.406	-1.8	117	0.00
10 T	Methyl Iodide	0.526	0.383	27.2#	80	0.00
11 T	Tert butyl alcohol	0.035	0.025	28.6#	81	0.00
12 CM	1,1-Dichloroethene	0.359	0.355	1.1#	113	0.00
13 T	Acrolein	0.033	0.020	39.4#	63	0.00
14 T	Allyl chloride	0.451	0.420	6.9	104	0.00
15 T	Acrylonitrile	0.114	0.099	13.2	94	0.00
16 T	Acetone	0.103	0.083	19.4	95	0.00
17 T	Carbon Disulfide	0.972	0.907	6.7	106	0.00
18 T	Methyl Acetate	0.340	0.229	32.6#	95	0.00
19 T	Methyl tert-butyl Ether	1.130	1.013	10.4	101	0.00
20 T	Methylene Chloride	0.427	0.397	7.0	109	0.00
21 T	trans-1,2-Dichloroethene	0.421	0.407	3.3	110	0.00
22 T	Diisopropyl ether	0.996	0.928	6.8	105	0.00
23 T	Vinyl Acetate	0.728	0.650	10.7	97	0.00
24 P	1,1-Dichloroethane	0.684	0.666	2.6	110	0.00
25 T	2-Butanone	0.146	0.117	19.9	90	0.00
26 T	2,2-Dichloropropane	0.693	0.675	2.6	109	0.00
27 T	cis-1,2-Dichloroethene	0.486	0.483	0.6	110	0.00
28 T	Bromochloromethane	0.287	0.258	10.1	107	0.00
29 T	Tetrahydrofuran	0.087	0.067	23.0#	87	0.00
30 C	Chloroform	0.818	0.802	2.0#	112	0.00
31 T	Cyclohexane	0.755	0.569	24.6#	106	0.00
32 T	1,1,1-Trichloroethane	0.768	0.755	1.7	110	0.00
33 S	1,2-Dichloroethane-d4	0.478	0.424	11.3	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	107	0.00
35 S	Dibromofluoromethane	0.311	0.299	3.9	104	0.00
36 T	1,1-Dichloropropene	0.405	0.397	2.0	110	0.00
37 T	Ethyl Acetate	0.208	0.181	13.0	92	0.00
38 T	Carbon Tetrachloride	0.469	0.475	-1.3	109	0.00
39 T	Methylcyclohexane	0.497	0.516	-3.8	108	0.00
40 TM	Benzene	1.168	1.173	-0.4	109	0.00
41 T	Methacrylonitrile	0.100	0.088	12.0	94	0.00
42 TM	1,2-Dichloroethane	0.383	0.369	3.7	106	0.00
43 T	Isopropyl Acetate	0.478	0.351	26.6#	93	0.00
44 TM	Trichloroethene	0.355	0.362	-2.0	109	0.00
45 C	1,2-Dichloropropane	0.275	0.276	-0.4#	110	0.00

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.211	0.205	2.8	105	0.00
47 T	Bromodichloromethane	0.421	0.425	-1.0	109	0.00
48 T	Methyl methacrylate	0.185	0.161	13.0	93	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	93	0.00
50 S	Toluene-d8	1.159	1.090	6.0	102	0.00
51 T	4-Methyl-2-Pentanone	0.216	0.180	16.7	89	0.00
52 CM	Toluene	0.784	0.805	-2.7#	108	0.00
53 T	t-1,3-Dichloropropene	0.422	0.413	2.1	103	0.00
54 T	cis-1,3-Dichloropropene	0.463	0.458	1.1	105	0.00
55 T	1,1,2-Trichloroethane	0.295	0.287	2.7	104	0.00
56 T	Ethyl methacrylate	0.347	0.319	8.1	96	0.00
57 T	1,3-Dichloropropane	0.458	0.435	5.0	104	0.00
58 T	2-Chloroethyl Vinyl ether	0.151	0.137	9.3	94	0.00
59 T	2-Hexanone	0.152	0.123	19.1	86	0.00
60 T	Dibromochloromethane	0.350	0.352	-0.6	104	0.00
61 T	1,2-Dibromoethane	0.304	0.300	1.3	104	0.00
62 S	4-Bromofluorobenzene	0.400	0.373	6.8	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.383	0.401	-4.7	113	0.00
65 PM	Chlorobenzene	1.011	1.012	-0.1	106	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.388	-0.8	107	0.00
67 C	Ethyl Benzene	1.674	1.704	-1.8#	106	0.00
68 T	m/p-Xylenes	0.676	0.694	-2.7	106	0.00
69 T	o-Xylene	0.657	0.677	-3.0	106	0.00
70 T	Styrene	1.013	1.063	-4.9	106	0.00
71 P	Bromoform	0.268	0.250	6.7	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	103	0.00
73 T	Isopropylbenzene	3.853	3.653	5.2	107	0.00
74 T	N-amyl acetate	0.764	0.630	17.5	88	0.00
75 P	1,1,2,2-Tetrachloroethane	0.846	0.707	16.4	96	0.00
76 T	1,2,3-Trichloropropane	0.712	0.599	15.9	104	0.00
77 T	Bromobenzene	0.961	0.915	4.8	107	0.00
78 T	n-propylbenzene	4.035	3.984	1.3	106	0.00
79 T	2-Chlorotoluene	2.430	2.288	5.8	106	0.00
80 T	1,3,5-Trimethylbenzene	3.139	3.062	2.5	106	0.00
81 T	trans-1,4-Dichloro-2-butene	0.217	0.182	16.1	88	0.00
82 T	4-Chlorotoluene	2.335	2.321	0.6	105	0.00
83 T	tert-Butylbenzene	2.912	2.775	4.7	106	0.00
84 T	1,2,4-Trimethylbenzene	3.126	3.103	0.7	106	0.00
85 T	sec-Butylbenzene	3.772	3.730	1.1	106	0.00
86 T	p-Isopropyltoluene	3.317	3.379	-1.9	107	0.00
87 T	1,3-Dichlorobenzene	1.643	1.682	-2.4	107	0.00
88 T	1,4-Dichlorobenzene	1.592	1.618	-1.6	106	0.00
89 T	n-Butylbenzene	2.466	2.648	-7.4	104	0.00

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90 T	Hexachloroethane	0.602	0.559	7.1	102	0.00
91 T	1,2-Dichlorobenzene	1.588	1.609	-1.3	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.125	0.104	16.8	87	0.00
93 T	1,2,4-Trichlorobenzene	0.687	0.736	-7.1	97	0.00
94 T	Hexachlorobutadiene	0.513	0.506	1.4	103	0.00
95 T	Naphthalene	1.513	1.358	10.2	85	0.00
96 T	1,2,3-Trichlorobenzene	0.698	0.704	-0.9	95	0.00

(#) = Out of Range

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