

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN121918\
 Data File : VN053024.D
 Acq On : 19 Dec 2018 21:30
 Operator : MD\SY
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 30 Sample Multiplier: 28

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 20 06:51:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121818W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 18 13:03:37 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	104	0.00
2 T	Dichlorodifluoromethane	0.506	0.485	4.2	102	0.00
3 P	Chloromethane	0.613	0.563	8.2	96	0.00
4 C	Vinyl Chloride	0.621	0.608	2.1#	103	0.00
5 T	Bromomethane	0.430	0.396	7.9	104	0.00
6 T	Chloroethane	0.368	0.359	2.4	103	0.00
7 T	Trichlorofluoromethane	0.774	0.775	-0.1	105	0.00
8 T	Diethyl Ether	0.292	0.301	-3.1	107	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.493	0.493	0.0	107	0.00
10 T	Methyl Iodide	0.693	0.697	-0.6	101	0.00
11 T	Tert butyl alcohol	0.031	0.032	-3.2	105	0.00
12 CM	1,1-Dichloroethene	0.477	0.478	-0.2#	105	0.00
13 T	Acrolein	0.028	0.041	-46.4#	146	0.00
14 T	Allyl chloride	0.738	0.740	-0.3	105	0.00
15 T	Acrylonitrile	0.172	0.177	-2.9	107	0.00
16 T	Acetone	0.099	0.109	-10.1	118	0.00
17 T	Carbon Disulfide	1.554	1.370	11.8	97	0.00
18 T	Methyl Acetate	0.466	0.458	1.7	108	0.00
19 T	Methyl tert-butyl Ether	1.275	1.336	-4.8	108	0.00
20 T	Methylene Chloride	0.543	0.538	0.9	106	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.507	1.0	105	0.00
22 T	Diisopropyl ether	1.576	1.667	-5.8	109	0.00
23 T	Vinyl Acetate	0.906	0.956	-5.5	113	0.00
24 P	1,1-Dichloroethane	0.936	0.958	-2.4	107	0.00
25 T	2-Butanone	0.167	0.185	-10.8	111	0.00
26 T	2,2-Dichloropropane	0.715	0.670	6.3	99	0.00
27 T	cis-1,2-Dichloroethene	0.580	0.587	-1.2	106	0.00
28 T	Bromochloromethane	0.406	0.423	-4.2	107	0.00
29 T	Tetrahydrofuran	0.125	0.131	-4.8	107	0.00
30 C	Chloroform	0.920	0.931	-1.2#	106	0.00
31 T	Cyclohexane	1.036	0.888	14.3	106	0.00
32 T	1,1,1-Trichloroethane	0.784	0.791	-0.9	106	0.00
33 S	1,2-Dichloroethane-d4	0.507	0.538	-6.1	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.228	0.272	-19.3	124	0.00
36 T	1,1-Dichloropropene	0.480	0.477	0.6	106	0.00
37 T	Ethyl Acetate	0.268	0.284	-6.0	107	0.00
38 T	Carbon Tetrachloride	0.440	0.444	-0.9	105	0.00
39 T	Methylcyclohexane	0.583	0.551	5.5	101	0.00
40 TM	Benzene	1.427	1.441	-1.0	106	0.00
41 T	Methacrylonitrile	0.155	0.172	-11.0	114	0.00
42 TM	1,2-Dichloroethane	0.422	0.424	-0.5	105	0.00
43 T	Isopropyl Acetate	0.595	0.534	10.3	106	0.00
44 TM	Trichloroethene	0.413	0.404	2.2	103	0.00
45 C	1,2-Dichloropropane	0.372	0.384	-3.2#	108	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.217	0.215	0.9	104	0.00
47 T	Bromodichloromethane	0.460	0.467	-1.5	106	0.00
48 T	Methyl methacrylate	0.260	0.268	-3.1	107	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	102	0.00
50 S	Toluene-d8	1.226	1.270	-3.6	104	0.00
51 T	4-Methyl-2-Pentanone	0.259	0.276	-6.6	107	0.00
52 CM	Toluene	0.885	0.872	1.5#	103	0.00
53 T	t-1,3-Dichloropropene	0.484	0.476	1.7	102	0.00
54 T	cis-1,3-Dichloropropene	0.556	0.555	0.2	103	0.00
55 T	1,1,2-Trichloroethane	0.309	0.316	-2.3	107	0.00
56 T	Ethyl methacrylate	0.409	0.425	-3.9	106	0.00
57 T	1,3-Dichloropropane	0.529	0.541	-2.3	105	0.00
58 T	2-Chloroethyl Vinyl ether	0.224	0.236	-5.4	106	0.00
59 T	2-Hexanone	0.176	0.183	-4.0	106	0.00
60 T	Dibromochloromethane	0.353	0.350	0.8	103	0.00
61 T	1,2-Dibromoethane	0.313	0.314	-0.3	104	0.00
62 S	4-Bromofluorobenzene	0.430	0.418	2.8	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	101	0.00
64 T	Tetrachloroethene	0.542	0.528	2.6	98	0.00
65 PM	Chlorobenzene	1.108	1.103	0.5	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.385	0.397	-3.1	104	0.00
67 C	Ethyl Benzene	1.906	1.905	0.1#	102	0.00
68 T	m/p-Xylenes	0.725	0.714	1.5	100	0.00
69 T	o-Xylene	0.695	0.694	0.1	100	0.00
70 T	Styrene	1.134	1.134	0.0	99	0.00
71 P	Bromoform	0.278	0.268	3.6	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.912	4.255	-8.8	100	0.00
74 T	N-amyl acetate	1.086	1.249	-15.0	102	0.00
75 P	1,1,2,2-Tetrachloroethane	0.767	0.868	-13.2	107	0.00
76 T	1,2,3-Trichloropropane	0.842	0.796	5.5	84	0.00
77 T	Bromobenzene	1.017	1.082	-6.4	98	0.00
78 T	n-propylbenzene	4.455	4.726	-6.1	97	0.00
79 T	2-Chlorotoluene	2.762	2.774	-0.4	97	0.00
80 T	1,3,5-Trimethylbenzene	3.189	3.245	-1.8	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.261	0.275	-5.4	92	0.00
82 T	4-Chlorotoluene	2.703	2.783	-3.0	95	0.00
83 T	tert-Butylbenzene	2.820	2.889	-2.4	96	0.00
84 T	1,2,4-Trimethylbenzene	3.206	3.287	-2.5	93	0.00
85 T	sec-Butylbenzene	3.814	3.801	0.3	93	0.00
86 T	p-Isopropyltoluene	3.296	3.272	0.7	91	0.00
87 T	1,3-Dichlorobenzene	1.800	1.790	0.6	92	0.00
88 T	1,4-Dichlorobenzene	1.823	1.758	3.6	92	0.00
89 T	n-Butylbenzene	2.836	2.644	6.8	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.506	0.498	1.6	90	0.00
91 T	1,2-Dichlorobenzene	1.694	1.666	1.7	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.133	0.129	3.0	88	0.00
93 T	1,2,4-Trichlorobenzene	1.006	0.885	12.0	92	0.00
94 T	Hexachlorobutadiene	0.584	0.474	18.8	89	0.00
95 T	Naphthalene	2.223	1.927	13.3	92	0.00
96 T	1,2,3-Trichlorobenzene	0.937	0.798	14.8	92	0.00

(#) = Out of Range

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