

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN050219\
 Data File : VN055362.D
 Acq On : 2 May 2019 20:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 03 05:22:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:16:52 2019
 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	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	94	0.00
2 T	Dichlorodifluoromethane	0.613	0.564	8.0	84	0.00
3 P	Chloromethane	0.759	0.634	16.5	81	0.00
4 C	Vinyl Chloride	0.611	0.570	6.7#	92	0.00
5 T	Bromomethane	0.324	0.305	5.9	90	0.00
6 T	Chloroethane	0.331	0.310	6.3	94	0.00
7 T	Trichlorofluoromethane	0.869	0.802	7.7	92	0.00
8 T	Diethyl Ether	0.304	0.320	-5.3	102	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.518	0.477	7.9	91	0.00
10 T	Methyl Iodide	0.729	0.683	6.3	87	0.00
11 T	Tert butyl alcohol	0.037	0.048	-29.7#	121	0.00
12 CM	1,1-Dichloroethene	0.494	0.469	5.1#	93	0.00
13 T	Acrolein	0.029	0.024	17.2	76	0.00
14 T	Allyl chloride	1.023	0.997	2.5	94	0.00
15 T	Acrylonitrile	0.211	0.236	-11.8	105	0.00
16 T	Acetone	0.204	0.178	12.7	88	0.00
17 T	Carbon Disulfide	1.289	1.098	14.8	80	0.00
18 T	Methyl Acetate	0.591	0.607	-2.7	113	0.00
19 T	Methyl tert-butyl Ether	1.389	1.533	-10.4	103	0.00
20 T	Methylene Chloride	0.622	0.561	9.8	93	0.00
21 T	trans-1,2-Dichloroethene	0.523	0.488	6.7	91	0.00
22 T	Diisopropyl ether	2.033	2.128	-4.7	99	0.00
23 T	Vinyl Acetate	1.332	1.506	-13.1	101	0.00
24 P	1,1-Dichloroethane	1.083	1.082	0.1	99	0.00
25 T	2-Butanone	0.261	0.292	-11.9	103	0.00
26 T	2,2-Dichloropropane	0.748	0.652	12.8	85	0.00
27 T	cis-1,2-Dichloroethene	0.595	0.593	0.3	95	0.00
28 T	Bromochloromethane	0.546	0.542	0.7	97	0.00
29 T	Tetrahydrofuran	0.167	0.198	-18.6	110	0.00
30 C	Chloroform	1.027	0.996	3.0#	95	0.00
31 T	Cyclohexane	1.029	0.928	9.8	91	0.00
32 T	1,1,1-Trichloroethane	0.833	0.817	1.9	96	0.00
33 S	1,2-Dichloroethane-d4	0.654	0.663	-1.4	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.328	0.327	0.3	98	0.00
36 T	1,1-Dichloropropene	0.479	0.447	6.7	94	0.00
37 T	Ethyl Acetate	0.367	0.403	-9.8	110	0.00
38 T	Carbon Tetrachloride	0.462	0.418	9.5	92	0.00
39 T	Methylcyclohexane	0.509	0.470	7.7	89	0.00
40 TM	Benzene	1.412	1.364	3.4	94	0.00
41 T	Methacrylonitrile	0.195	0.233	-19.5	110	0.00
42 TM	1,2-Dichloroethane	0.500	0.481	3.8	96	0.00
43 T	Isopropyl Acetate	0.590	0.706	-19.7	111	0.00
44 TM	Trichloroethene	0.360	0.339	5.8	94	0.00
45 C	1,2-Dichloropropane	0.407	0.399	2.0#	96	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.223	0.216	3.1	96	0.00
47 T	Bromodichloromethane	0.477	0.469	1.7	96	0.00
48 T	Methyl methacrylate	0.290	0.322	-11.0	104	0.00
49 T	1,4-Dioxane	0.003	0.004	-33.3#	112	0.00
50 S	Toluene-d8	1.185	1.149	3.0	94	0.00
51 T	4-Methyl-2-Pentanone	0.332	0.388	-16.9	109	0.00
52 CM	Toluene	0.810	0.789	2.6#	94	0.00
53 T	t-1,3-Dichloropropene	0.415	0.444	-7.0	96	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.532	-2.9	93	0.00
55 T	1,1,2-Trichloroethane	0.301	0.310	-3.0	100	0.00
56 T	Ethyl methacrylate	0.370	0.427	-15.4	103	0.00
57 T	1,3-Dichloropropane	0.528	0.539	-2.1	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.097	0.114	-17.5	104	0.00
59 T	2-Hexanone	0.208	0.245	-17.8	110	0.00
60 T	Dibromochloromethane	0.307	0.318	-3.6	94	0.00
61 T	1,2-Dibromoethane	0.278	0.294	-5.8	99	0.00
62 S	4-Bromofluorobenzene	0.370	0.395	-6.8	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.409	0.389	4.9	97	0.00
65 PM	Chlorobenzene	0.978	0.952	2.7	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.383	0.367	4.2	93	0.00
67 C	Ethyl Benzene	1.765	1.738	1.5#	93	0.00
68 T	m/p-Xylenes	0.630	0.633	-0.5	94	0.00
69 T	o-Xylene	0.625	0.624	0.2	94	0.00
70 T	Styrene	0.959	1.042	-8.7	95	0.00
71 P	Bromoform	0.212	0.237	-11.8	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	96	0.00
73 T	Isopropylbenzene	4.997	4.072	18.5	94	0.00
74 T	N-amyl acetate	1.283	1.520	-18.5	113	0.00
75 P	1,1,2,2-Tetrachloroethane	1.268	1.079	14.9	100	0.00
76 T	1,2,3-Trichloropropane	1.139	0.913	19.8	91	0.00
77 T	Bromobenzene	1.134	0.973	14.2	96	0.00
78 T	n-propylbenzene	5.136	4.497	12.4	93	0.00
79 T	2-Chlorotoluene	3.285	2.756	16.1	94	0.00
80 T	1,3,5-Trimethylbenzene	3.920	3.440	12.2	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.264	0.259	1.9	100	0.00
82 T	4-Chlorotoluene	2.986	2.688	10.0	96	0.00
83 T	tert-Butylbenzene	3.508	2.847	18.8	95	0.00
84 T	1,2,4-Trimethylbenzene	3.506	3.394	3.2	99	0.00
85 T	sec-Butylbenzene	4.260	3.666	13.9	94	0.00
86 T	p-Isopropyltoluene	3.502	3.248	7.3	95	0.00
87 T	1,3-Dichlorobenzene	1.673	1.604	4.1	98	0.00
88 T	1,4-Dichlorobenzene	1.576	1.541	2.2	97	0.00
89 T	n-Butylbenzene	2.488	2.554	-2.7	96	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.662	0.519	21.6	89	0.00
91 T	1,2-Dichlorobenzene	1.658	1.600	3.5	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.132	0.167	-26.5#	115	0.00
93 T	1,2,4-Trichlorobenzene	0.521	0.661	-26.9#	105	0.00
94 T	Hexachlorobutadiene	0.617	0.533	13.6	97	0.00
95 T	Naphthalene	1.122	1.398	-24.6	107	0.00
96 T	1,2,3-Trichlorobenzene	0.533	0.685	-28.5#	108	0.00

(#) = Out of Range

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