

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN050619\
 Data File : VN055405.D
 Acq On : 6 May 2019 9:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: May 07 01:19:29 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	AvqRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	97	0.00
2 T	Dichlorodifluoromethane	0.613	0.553	9.8	84	0.00
3 P	Chloromethane	0.759	0.613	19.2	80	0.00
4 C	Vinyl Chloride	0.611	0.548	10.3#	91	0.00
5 T	Bromomethane	0.324	0.306	5.6	93	0.00
6 T	Chloroethane	0.331	0.312	5.7	97	0.00
7 T	Trichlorofluoromethane	0.869	0.797	8.3	94	0.00
8 T	Diethyl Ether	0.304	0.285	6.3	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.518	0.492	5.0	96	0.00
10 T	Methyl Iodide	0.729	0.650	10.8	85	0.00
11 T	Tert butyl alcohol	0.037	0.032	13.5	83	0.00
12 CM	1,1-Dichloroethene	0.494	0.451	8.7#	92	0.00
13 T	Acrolein	0.029	0.031	-6.9	98	0.00
14 T	Allyl chloride	1.023	0.975	4.7	94	0.00
15 T	Acrylonitrile	0.211	0.189	10.4	86	0.00
16 T	Acetone	0.204	0.200	2.0	101	0.00
17 T	Carbon Disulfide	1.289	1.111	13.8	83	0.00
18 T	Methyl Acetate	0.591	0.475	19.6	91	0.00
19 T	Methyl tert-butyl Ether	1.389	1.287	7.3	89	0.00
20 T	Methylene Chloride	0.622	0.527	15.3	90	0.00
21 T	trans-1,2-Dichloroethene	0.523	0.468	10.5	89	0.00
22 T	Diisopropyl ether	2.033	1.993	2.0	95	0.00
23 T	Vinyl Acetate	1.332	1.261	5.3	87	0.00
24 P	1,1-Dichloroethane	1.083	1.022	5.6	96	0.00
25 T	2-Butanone	0.261	0.243	6.9	88	0.00
26 T	2,2-Dichloropropane	0.748	0.742	0.8	99	0.00
27 T	cis-1,2-Dichloroethene	0.595	0.565	5.0	93	0.00
28 T	Bromochloromethane	0.546	0.511	6.4	94	0.00
29 T	Tetrahydrofuran	0.167	0.147	12.0	84	0.00
30 C	Chloroform	1.027	0.970	5.6#	95	0.00
31 T	Cyclohexane	1.029	0.904	12.1	91	0.00
32 T	1,1,1-Trichloroethane	0.833	0.788	5.4	95	0.00
33 S	1,2-Dichloroethane-d4	0.654	0.613	6.3	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	95	0.00
35 S	Dibromofluoromethane	0.328	0.319	2.7	95	0.00
36 T	1,1-Dichloropropene	0.479	0.456	4.8	95	0.00
37 T	Ethyl Acetate	0.367	0.310	15.5	84	0.00
38 T	Carbon Tetrachloride	0.462	0.429	7.1	94	0.00
39 T	Methylcyclohexane	0.509	0.488	4.1	92	0.00
40 TM	Benzene	1.412	1.340	5.1	91	0.00
41 T	Methacrylonitrile	0.195	0.187	4.1	88	0.00
42 TM	1,2-Dichloroethane	0.500	0.468	6.4	93	0.00
43 T	Isopropyl Acetate	0.590	0.553	6.3	86	0.00
44 TM	Trichloroethene	0.360	0.346	3.9	95	0.00
45 C	1,2-Dichloropropane	0.407	0.388	4.7#	93	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.223	0.204	8.5	90	0.00
47 T	Bromodichloromethane	0.477	0.476	0.2	97	0.00
48 T	Methyl methacrylate	0.290	0.259	10.7	83	0.00
49 T	1,4-Dioxane	0.003	0.003	0.0	86	0.00
50 S	Toluene-d8	1.185	1.175	0.8	96	0.00
51 T	4-Methyl-2-Pentanone	0.332	0.307	7.5	86	0.00
52 CM	Toluene	0.810	0.786	3.0#	93	0.00
53 T	t-1,3-Dichloropropene	0.415	0.431	-3.9	92	0.00
54 T	cis-1,3-Dichloropropene	0.517	0.526	-1.7	91	0.00
55 T	1,1,2-Trichloroethane	0.301	0.281	6.6	90	0.00
56 T	Ethyl methacrylate	0.370	0.356	3.8	85	0.00
57 T	1,3-Dichloropropane	0.528	0.503	4.7	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.097	0.080	17.5	72	0.00
59 T	2-Hexanone	0.208	0.197	5.3	88	0.00
60 T	Dibromochloromethane	0.307	0.316	-2.9	93	0.00
61 T	1,2-Dibromoethane	0.278	0.259	6.8	87	0.00
62 S	4-Bromofluorobenzene	0.370	0.391	-5.7	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.409	0.393	3.9	97	0.00
65 PM	Chlorobenzene	0.978	0.950	2.9	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.383	0.378	1.3	94	0.00
67 C	Ethyl Benzene	1.765	1.785	-1.1#	94	0.00
68 T	m/p-Xylenes	0.630	0.648	-2.9	95	0.00
69 T	o-Xylene	0.625	0.630	-0.8	94	0.00
70 T	Styrene	0.959	1.045	-9.0	94	0.00
71 P	Bromoform	0.212	0.222	-4.7	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	4.997	4.243	15.1	95	0.00
74 T	N-amyl acetate	1.283	1.132	11.8	82	0.00
75 P	1,1,2,2-Tetrachloroethane	1.268	0.948	25.2#	86	0.00
76 T	1,2,3-Trichloropropane	1.139	0.769	32.5#	75	0.00
77 T	Bromobenzene	1.134	0.982	13.4	94	0.00
78 T	n-propylbenzene	5.136	4.744	7.6	96	0.00
79 T	2-Chlorotoluene	3.285	2.877	12.4	95	0.00
80 T	1,3,5-Trimethylbenzene	3.920	3.519	10.2	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.264	0.238	9.8	89	0.00
82 T	4-Chlorotoluene	2.986	2.769	7.3	96	0.00
83 T	tert-Butylbenzene	3.508	2.954	15.8	96	0.00
84 T	1,2,4-Trimethylbenzene	3.506	3.388	3.4	96	0.00
85 T	sec-Butylbenzene	4.260	3.911	8.2	97	0.00
86 T	p-Isopropyltoluene	3.502	3.372	3.7	96	0.00
87 T	1,3-Dichlorobenzene	1.673	1.647	1.6	97	0.00
88 T	1,4-Dichlorobenzene	1.576	1.583	-0.4	97	0.00
89 T	n-Butylbenzene	2.488	2.682	-7.8	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.662	0.588	11.2	97	0.00
91 T	1,2-Dichlorobenzene	1.658	1.610	2.9	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.132	0.130	1.5	87	0.00
93 T	1,2,4-Trichlorobenzene	0.521	0.631	-21.1	97	0.00
94 T	Hexachlorobutadiene	0.617	0.608	1.5	107	0.00
95 T	Naphthalene	1.122	1.158	-3.2	86	0.00
96 T	1,2,3-Trichlorobenzene	0.533	0.621	-16.5	95	0.00

(#) = Out of Range

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