

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN061219\
 Data File : VN056245.D
 Acq On : 12 Jun 2019 13:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 13 05:06:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 11:02:09 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	83	0.00
2 T	Dichlorodifluoromethane	0.491	0.483	1.6	72	0.00
3 P	Chloromethane	0.542	0.496	8.5	72	0.00
4 C	Vinyl Chloride	0.544	0.500	8.1#	72	0.00
5 T	Bromomethane	0.343	0.311	9.3	72	-0.02
6 T	Chloroethane	0.315	0.295	6.3	75	-0.01
7 T	Trichlorofluoromethane	0.694	0.671	3.3	78	0.00
8 T	Diethyl Ether	0.285	0.263	7.7	76	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.422	0.429	-1.7	83	0.00
10 T	Methyl Iodide	0.670	0.622	7.2	75	0.00
11 T	Tert butyl alcohol	0.086	0.075	12.8	72	0.00
12 CM	1,1-Dichloroethene	0.420	0.404	3.8#	77	0.00
13 T	Acrolein	0.025	0.022	12.0	74	0.00
14 T	Allyl chloride	0.663	0.649	2.1	79	0.00
15 T	Acrylonitrile	0.210	0.220	-4.8	82	0.00
16 T	Acetone	0.237	0.224	5.5	76	0.00
17 T	Carbon Disulfide	1.005	0.923	8.2	72	0.00
18 T	Methyl Acetate	0.521	0.500	4.0	89	0.00
19 T	Methyl tert-butyl Ether	1.338	1.296	3.1	79	0.00
20 T	Methylene Chloride	0.489	0.478	2.2	82	0.00
21 T	trans-1,2-Dichloroethene	0.450	0.427	5.1	77	0.00
22 T	Diisopropyl ether	1.370	1.361	0.7	82	0.00
23 T	Vinyl Acetate	1.079	1.082	-0.3	78	0.00
24 P	1,1-Dichloroethane	0.790	0.784	0.8	81	0.00
25 T	2-Butanone	0.300	0.304	-1.3	80	0.00
26 T	2,2-Dichloropropane	0.617	0.575	6.8	76	0.00
27 T	cis-1,2-Dichloroethene	0.529	0.514	2.8	79	0.00
28 T	Bromochloromethane	0.374	0.378	-1.1	80	0.00
29 T	Tetrahydrofuran	0.185	0.185	0.0	80	0.00
30 C	Chloroform	0.795	0.812	-2.1#	83	0.00
31 T	Cyclohexane	0.788	0.690	12.4	75	0.00
32 T	1,1,1-Trichloroethane	0.664	0.682	-2.7	83	0.00
33 S	1,2-Dichloroethane-d4	0.496	0.465	6.2	77	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.307	0.319	-3.9	80	0.00
36 T	1,1-Dichloropropene	0.430	0.429	0.2	79	0.00
37 T	Ethyl Acetate	0.383	0.410	-7.0	80	0.00
38 T	Carbon Tetrachloride	0.396	0.437	-10.4	85	0.00
39 T	Methylcyclohexane	0.536	0.529	1.3	77	0.00
40 TM	Benzene	1.306	1.346	-3.1	79	0.00
41 T	Methacrylonitrile	0.176	0.195	-10.8	89	0.00
42 TM	1,2-Dichloroethane	0.420	0.436	-3.8	82	0.00
43 T	Isopropyl Acetate	0.620	0.642	-3.5	78	0.00
44 TM	Trichloroethene	0.375	0.392	-4.5	81	0.00
45 C	1,2-Dichloropropane	0.334	0.354	-6.0#	82	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.219	0.235	-7.3	83	0.00
47 T	Bromodichloromethane	0.396	0.465	-17.4	88	0.00
48 T	Methyl methacrylate	0.303	0.326	-7.6	83	0.00
49 T	1,4-Dioxane	0.007	0.007	0.0	84	0.00
50 S	Toluene-d8	1.180	1.151	2.5	76	0.00
51 T	4-Methyl-2-Pentanone	0.388	0.421	-8.5	82	0.00
52 CM	Toluene	0.813	0.852	-4.8#	80	0.00
53 T	t-1,3-Dichloropropene	0.411	0.451	-9.7	80	0.00
54 T	cis-1,3-Dichloropropene	0.476	0.527	-10.7	81	0.00
55 T	1,1,2-Trichloroethane	0.322	0.354	-9.9	84	0.00
56 T	Ethyl methacrylate	0.470	0.509	-8.3	80	0.00
57 T	1,3-Dichloropropane	0.523	0.562	-7.5	82	0.00
58 T	2-Chloroethyl Vinyl ether	0.165	0.169	-2.4	77	0.00
59 T	2-Hexanone	0.281	0.302	-7.5	82	0.00
60 T	Dibromochloromethane	0.311	0.397	-27.7#	92	0.00
61 T	1,2-Dibromoethane	0.329	0.362	-10.0	83	0.00
62 S	4-Bromofluorobenzene	0.401	0.416	-3.7	79	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.433	0.429	0.9	82	0.00
65 PM	Chlorobenzene	0.995	1.025	-3.0	83	0.00
66 T	1,1,1,2-Tetrachloroethane	0.344	0.388	-12.8	87	0.00
67 C	Ethyl Benzene	1.730	1.760	-1.7#	81	0.00
68 T	m/p-Xylenes	0.661	0.688	-4.1	82	0.00
69 T	o-Xylene	0.650	0.674	-3.7	82	0.00
70 T	Styrene	1.033	1.125	-8.9	83	0.00
71 P	Bromoform	0.248	0.325	-31.0#	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	4.046	3.685	8.9	82	0.00
74 T	N-amyl acetate	1.333	1.246	6.5	80	0.00
75 P	1,1,2,2-Tetrachloroethane	1.161	1.116	3.9	85	0.00
76 T	1,2,3-Trichloropropane	0.920	0.943	-2.5	90	0.00
77 T	Bromobenzene	1.070	1.029	3.8	85	0.00
78 T	n-propylbenzene	4.230	3.987	5.7	82	0.00
79 T	2-Chlorotoluene	2.663	2.434	8.6	83	0.00
80 T	1,3,5-Trimethylbenzene	3.362	3.104	7.7	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.276	0.279	-1.1	82	0.00
82 T	4-Chlorotoluene	2.475	2.387	3.6	84	0.00
83 T	tert-Butylbenzene	2.995	2.743	8.4	83	0.00
84 T	1,2,4-Trimethylbenzene	3.188	3.044	4.5	83	0.00
85 T	sec-Butylbenzene	3.746	3.553	5.2	84	0.00
86 T	p-Isopropyltoluene	3.353	3.246	3.2	83	0.00
87 T	1,3-Dichlorobenzene	1.657	1.682	-1.5	86	0.00
88 T	1,4-Dichlorobenzene	1.594	1.602	-0.5	85	0.00
89 T	n-Butylbenzene	2.484	2.411	2.9	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.506	0.546	-7.9	91	0.00
91 T	1,2-Dichlorobenzene	1.673	1.651	1.3	85	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.186	-12.0	88	0.00
93 T	1,2,4-Trichlorobenzene	0.767	0.777	-1.3	79	0.00
94 T	Hexachlorobutadiene	0.652	0.665	-2.0	94	0.00
95 T	Naphthalene	1.988	1.886	5.1	72	0.00
96 T	1,2,3-Trichlorobenzene	0.817	0.846	-3.5	81	0.00

(#) = Out of Range

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