

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN111220\
 Data File : VN064572.D
 Acq On : 12 Nov 2020 9:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 13 03:12:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 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	96	0.00
2 T	Dichlorodifluoromethane	0.651	0.570	12.4	79	0.00
3 P	Chloromethane	0.791	0.654	17.3	77	0.00
4 C	Vinyl Chloride	0.812	0.733	9.7#	83	0.00
5 T	Bromomethane	0.519	0.490	5.6	86	0.00
6 T	Chloroethane	0.520	0.488	6.2	87	0.00
7 T	Trichlorofluoromethane	1.195	1.176	1.6	90	0.00
8 T	Diethyl Ether	0.422	0.408	3.3	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.568	0.541	4.8	89	0.00
10 T	Methyl Iodide	0.660	0.640	3.0	86	0.00
11 T	Tert butyl alcohol	0.096	0.093	3.1	85	0.00
12 CM	1,1-Dichloroethene	0.535	0.497	7.1#	85	0.00
13 T	Acrolein	0.060	0.055	8.3	88	0.00
14 T	Allyl chloride	1.046	0.918	12.2	79	0.00
15 T	Acrylonitrile	0.267	0.276	-3.4	87	0.00
16 T	Acetone	0.332	0.414	-24.7	112	0.00
17 T	Carbon Disulfide	1.599	1.442	9.8	82	0.00
18 T	Methyl Acetate	0.652	0.657	-0.8	96	0.00
19 T	Methyl tert-butyl Ether	1.925	1.798	6.6	83	0.00
20 T	Methylene Chloride	0.658	0.597	9.3	86	0.00
21 T	trans-1,2-Dichloroethene	0.607	0.571	5.9	85	0.00
22 T	Diisopropyl ether	2.220	2.046	7.8	81	0.00
23 T	Vinyl Acetate	1.806	1.745	3.4	82	0.00
24 P	1,1-Dichloroethane	1.220	1.132	7.2	83	0.00
25 T	2-Butanone	0.423	0.489	-15.6	99	0.00
26 T	2,2-Dichloropropane	1.105	1.056	4.4	86	0.00
27 T	cis-1,2-Dichloroethene	0.704	0.649	7.8	83	0.00
28 T	Bromochloromethane	0.600	0.564	6.0	102	0.00
29 T	Tetrahydrofuran	0.259	0.261	-0.8	88	0.00
30 C	Chloroform	1.283	1.222	4.8#	85	0.00
31 T	Cyclohexane	1.059	0.886	16.3	78	0.00
32 T	1,1,1-Trichloroethane	1.138	1.093	4.0	87	0.00
33 S	1,2-Dichloroethane-d4	0.871	0.837	3.9	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.340	0.350	-2.9	96	0.00
36 T	1,1-Dichloropropene	0.528	0.532	-0.8	83	0.00
37 T	Ethyl Acetate	0.472	0.536	-13.6	87	0.00
38 T	Carbon Tetrachloride	0.565	0.587	-3.9	87	0.00
39 T	Methylcyclohexane	0.474	0.476	-0.4	82	0.00
40 TM	Benzene	1.552	1.531	1.4	83	0.00
41 T	Methacrylonitrile	0.234	0.247	-5.6	98	0.00
42 TM	1,2-Dichloroethane	0.626	0.641	-2.4	85	0.00
43 T	Isopropyl Acetate	0.856	0.868	-1.4	83	0.00
44 TM	Trichloroethene	0.392	0.386	1.5	83	0.00
45 C	1,2-Dichloropropane	0.414	0.413	0.2#	83	0.00

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

	Compound	AvqRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.273	0.287	-5.1	88	0.00
47 T	Bromodichloromethane	0.586	0.625	-6.7	89	0.00
48 T	Methyl methacrylate	0.432	0.460	-6.5	87	0.00
49 T	1,4-Dioxane	0.006	0.007	-16.7	94	0.00
50 S	Toluene-d8	1.316	1.337	-1.6	94	0.00
51 T	4-Methyl-2-Pentanone	0.499	0.558	-11.8	88	0.00
52 CM	Toluene	0.947	0.976	-3.1#	84	0.00
53 T	t-1,3-Dichloropropene	0.621	0.651	-4.8	83	0.00
54 T	cis-1,3-Dichloropropene	0.664	0.679	-2.3	83	0.00
55 T	1,1,2-Trichloroethane	0.369	0.390	-5.7	87	0.00
56 T	Ethyl methacrylate	0.535	0.556	-3.9	82	0.00
57 T	1,3-Dichloropropane	0.644	0.669	-3.9	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.253	0.291	-15.0	115	0.00
59 T	2-Hexanone	0.362	0.454	-25.4#	96	0.00
60 T	Dibromochloromethane	0.413	0.450	-9.0	88	0.00
61 T	1,2-Dibromoethane	0.374	0.410	-9.6	88	0.00
62 S	4-Bromofluorobenzene	0.498	0.508	-2.0	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.385	0.375	2.6	85	0.00
65 PM	Chlorobenzene	1.096	1.062	3.1	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.409	0.423	-3.4	89	0.00
67 C	Ethyl Benzene	1.950	1.977	-1.4#	84	0.00
68 T	m/p-Xylenes	0.707	0.730	-3.3	85	0.00
69 T	o-Xylene	0.683	0.681	0.3	83	0.00
70 T	Styrene	1.150	1.221	-6.2	86	0.00
71 P	Bromoform	0.276	0.309	-12.0	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.974	3.723	6.3	85	0.00
74 T	N-amyl acetate	1.727	1.648	4.6	83	0.00
75 P	1,1,2,2-Tetrachloroethane	1.221	1.169	4.3	92	0.00
76 T	1,2,3-Trichloropropane	1.211	1.140	5.9	86	0.00
77 T	Bromobenzene	0.970	0.885	8.8	86	0.00
78 T	n-propylbenzene	4.531	4.493	0.8	89	0.00
79 T	2-Chlorotoluene	2.874	2.745	4.5	90	0.00
80 T	1,3,5-Trimethylbenzene	3.279	3.262	0.5	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.434	0.422	2.8	88	0.00
82 T	4-Chlorotoluene	3.009	2.875	4.5	87	0.00
83 T	tert-Butylbenzene	2.561	2.492	2.7	89	0.00
84 T	1,2,4-Trimethylbenzene	3.296	3.298	-0.1	88	0.00
85 T	sec-Butylbenzene	3.243	3.324	-2.5	91	0.00
86 T	p-Isopropyltoluene	2.917	3.039	-4.2	91	0.00
87 T	1,3-Dichlorobenzene	1.677	1.647	1.8	90	0.00
88 T	1,4-Dichlorobenzene	1.733	1.661	4.2	91	0.00
89 T	n-Butylbenzene	2.508	2.649	-5.6	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.563	0.579	-2.8	93	0.00
91 T	1,2-Dichlorobenzene	1.613	1.635	-1.4	91	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.243	0.255	-4.9	93	0.00
93 T	1,2,4-Trichlorobenzene	0.660	0.754	-14.2	93	0.00
94 T	Hexachlorobutadiene	0.328	0.349	-6.4	99	0.00
95 T	Naphthalene	2.152	2.368	-10.0	88	0.00
96 T	1,2,3-Trichlorobenzene	0.654	0.737	-12.7	96	0.00

(#) = Out of Range

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