

Data Path : Z:\voasrv\HPCHEM1\MSVOA N\Data\VN081220\
 Data File : VN062849.D
 Acq On : 12 Aug 2020 11:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 13 05:36:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:26:42 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	102	0.00
2 T	Dichlorodifluoromethane	0.716	0.687	4.1	92	0.00
3 P	Chloromethane	0.676	0.566	16.3	88	0.00
4 C	Vinyl Chloride	0.634	0.570	10.1#	90	0.00
5 T	Bromomethane	0.419	0.445	-6.2	116	0.00
6 T	Chloroethane	0.417	0.460	-10.3	113	0.00
7 T	Trichlorofluoromethane	1.130	1.195	-5.8	111	0.00
8 T	Diethyl Ether	0.323	0.332	-2.8	106	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.502	0.511	-1.8	113	0.00
10 T	Methyl Iodide	0.548	0.612	-11.7	108	0.00
11 T	Tert butyl alcohol	0.136	0.112	17.6	82	0.00
12 CM	1,1-Dichloroethene	0.476	0.459	3.6#	107	0.00
13 T	Acrolein	0.082	0.147	-79.3#	189#	0.00
14 T	Allyl chloride	0.875	0.790	9.7	98	0.00
15 T	Acrylonitrile	0.314	0.278	11.5	87	0.00
16 T	Acetone	0.299	0.324	-8.4	115	0.00
17 T	Carbon Disulfide	1.404	1.171	16.6	98	0.00
18 T	Methyl Acetate	0.794	0.688	13.4	95	0.00
19 T	Methyl tert-butyl Ether	1.937	1.834	5.3	94	0.00
20 T	Methylene Chloride	0.609	0.547	10.2	101	0.00
21 T	trans-1,2-Dichloroethene	0.500	0.450	10.0	96	0.00
22 T	Diisopropyl ether	1.864	1.697	9.0	91	0.00
23 T	Vinyl Acetate	1.417	1.190	16.0	88	0.00
24 P	1,1-Dichloroethane	1.092	0.966	11.5	94	0.00
25 T	2-Butanone	0.423	0.381	9.9	89	0.00
26 T	2,2-Dichloropropane	1.007	0.942	6.5	101	0.00
27 T	cis-1,2-Dichloroethene	0.600	0.552	8.0	98	0.00
28 T	Bromochloromethane	0.527	0.460	12.7	93	0.00
29 T	Tetrahydrofuran	0.275	0.238	13.5	84	0.00
30 C	Chloroform	1.161	1.069	7.9#	98	0.00
31 T	Cyclohexane	1.002	0.866	13.6	92	0.00
32 T	1,1,1-Trichloroethane	1.038	0.972	6.4	97	0.00
33 S	1,2-Dichloroethane-d4	0.827	0.761	8.0	98	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	96	0.00
35 S	Dibromofluoromethane	0.342	0.349	-2.0	101	0.00
36 T	1,1-Dichloropropene	0.487	0.471	3.3	94	0.00
37 T	Ethyl Acetate	0.509	0.458	10.0	86	0.00
38 T	Carbon Tetrachloride	0.576	0.568	1.4	100	0.00
39 T	Methylcyclohexane	0.586	0.599	-2.2	99	0.00
40 TM	Benzene	1.453	1.397	3.9	96	0.00
41 T	Methacrylonitrile	0.229	0.221	3.5	84	0.00
42 TM	1,2-Dichloroethane	0.618	0.600	2.9	95	0.00
43 T	Isopropyl Acetate	0.848	0.756	10.8	86	0.00
44 TM	Trichloroethene	0.354	0.348	1.7	99	0.00
45 C	1,2-Dichloropropane	0.393	0.386	1.8#	94	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
46 T	Dibromomethane	0.258	0.257	0.4	96	0.00
47 T	Bromodichloromethane	0.579	0.594	-2.6	97	0.00
48 T	Methyl methacrylate	0.417	0.390	6.5	88	0.00
49 T	1,4-Dioxane	0.008	0.008	0.0	91	0.00
50 S	Toluene-d8	1.335	1.355	-1.5	100	0.00
51 T	4-Methyl-2-Pentanone	0.549	0.522	4.9	88	0.00
52 CM	Toluene	0.897	0.920	-2.6#	98	0.00
53 T	t-1,3-Dichloropropene	0.636	0.641	-0.8	95	0.00
54 T	cis-1,3-Dichloropropene	0.639	0.652	-2.0	97	0.00
55 T	1,1,2-Trichloroethane	0.383	0.380	0.8	99	0.00
56 T	Ethyl methacrylate	0.577	0.595	-3.1	92	0.00
57 T	1,3-Dichloropropane	0.651	0.651	0.0	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.163	0.154	5.5	89	0.00
59 T	2-Hexanone	0.409	0.393	3.9	87	0.00
60 T	Dibromochloromethane	0.437	0.459	-5.0	99	0.00
61 T	1,2-Dibromoethane	0.378	0.389	-2.9	99	0.00
62 S	4-Bromofluorobenzene	0.505	0.521	-3.2	100	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.323	0.316	2.2	99	0.00
65 PM	Chlorobenzene	1.045	1.040	0.5	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.420	0.435	-3.6	101	0.00
67 C	Ethyl Benzene	1.870	1.915	-2.4#	98	0.00
68 T	m/p-Xylenes	0.679	0.721	-6.2	100	0.00
69 T	o-Xylene	0.636	0.683	-7.4	98	0.00
70 T	Styrene	1.118	1.246	-11.4	101	0.00
71 P	Bromoform	0.343	0.341	0.6	96	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.765	3.739	0.7	98	0.00
74 T	N-amyl acetate	1.526	1.419	7.0	86	0.00
75 P	1,1,2,2-Tetrachloroethane	1.325	1.185	10.6	94	0.00
76 T	1,2,3-Trichloropropane	1.348	1.117	17.1	86	0.00
77 T	Bromobenzene	0.935	0.893	4.5	99	0.00
78 T	n-propylbenzene	4.420	4.452	-0.7	99	0.00
79 T	2-Chlorotoluene	2.771	2.695	2.7	98	0.00
80 T	1,3,5-Trimethylbenzene	3.266	3.422	-4.8	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.442	0.428	3.2	93	0.00
82 T	4-Chlorotoluene	2.856	2.831	0.9	99	0.00
83 T	tert-Butylbenzene	2.764	2.804	-1.4	99	0.00
84 T	1,2,4-Trimethylbenzene	3.125	3.340	-6.9	101	0.00
85 T	sec-Butylbenzene	3.629	3.753	-3.4	100	0.00
86 T	p-Isopropyltoluene	3.222	3.403	-5.6	100	0.00
87 T	1,3-Dichlorobenzene	1.671	1.675	-0.2	100	0.00
88 T	1,4-Dichlorobenzene	1.676	1.623	3.2	99	0.00
89 T	n-Butylbenzene	2.725	2.725	0.0	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
90 T	Hexachloroethane	0.694	0.652	6.1	98	0.00
91 T	1,2-Dichlorobenzene	1.567	1.584	-1.1	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.285	0.267	6.3	91	0.00
93 T	1,2,4-Trichlorobenzene	0.734	0.735	-0.1	96	0.00
94 T	Hexachlorobutadiene	0.545	0.540	0.9	105	0.00
95 T	Naphthalene	1.932	1.860	3.7	90	0.00
96 T	1,2,3-Trichlorobenzene	0.714	0.770	-7.8	99	0.00

(#) = Out of Range

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