

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031323\
 Data File : VN076950.D
 Acq On : 13 Mar 2023 10:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 14 06:57:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031023W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 10 13:47:39 2023
 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	120	0.00
2 T	Dichlorodifluoromethane	0.901	0.832	7.7	105	0.00
3 P	Chloromethane	0.487	0.408	16.2	108	0.00
4 C	Vinyl Chloride	0.452	0.402	11.1#	111	0.00
5 T	Bromomethane	0.333	0.296	11.1	112	0.00
6 T	Chloroethane	0.287	0.240	16.4	111	0.00
7 T	Trichlorofluoromethane	1.174	1.061	9.6	110	0.00
8 T	Diethyl Ether	0.378	0.369	2.4	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.600	0.569	5.2	118	0.00
10 T	Methyl Iodide	0.628	0.493	21.5	88	0.00
11 T	Tert butyl alcohol	0.104	0.092	11.5	103	0.00
12 CM	1,1-Dichloroethene	0.553	0.528	4.5#	116	0.00
13 T	Acrolein	0.093	0.083	10.8	116	0.00
14 T	Allyl chloride	0.793	0.842	-6.2	132	0.00
15 T	Acrylonitrile	0.293	0.265	9.6	108	0.00
16 T	Acetone	0.259	0.277	-6.9	135	0.00
17 T	Carbon Disulfide	1.531	1.488	2.8	120	0.00
18 T	Methyl Acetate	0.954	0.839	12.1	110	0.00
19 T	Methyl tert-butyl Ether	1.965	1.898	3.4	115	0.00
20 T	Methylene Chloride	0.665	0.590	11.3	117	0.00
21 T	trans-1,2-Dichloroethene	0.586	0.549	6.3	115	0.00
22 T	Diisopropyl ether	1.754	1.694	3.4	118	0.00
23 T	Vinyl Acetate	1.080	1.082	-0.2	115	0.00
24 P	1,1-Dichloroethane	1.120	1.060	5.4	117	0.00
25 T	2-Butanone	0.368	0.345	6.3	115	0.00
26 T	2,2-Dichloropropane	0.992	0.953	3.9	118	0.00
27 T	cis-1,2-Dichloroethene	0.676	0.637	5.8	115	0.00
28 T	Bromochloromethane	0.405	0.402	0.7	128	0.00
29 T	Tetrahydrofuran	0.228	0.209	8.3	109	0.00
30 C	Chloroform	1.204	1.107	8.1#	114	0.00
31 T	Cyclohexane	1.071	0.931	13.1	111	0.00
32 T	1,1,1-Trichloroethane	1.129	1.045	7.4	112	0.00
33 S	1,2-Dichloroethane-d4	0.746	0.689	7.6	116	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	119	0.00
35 S	Dibromofluoromethane	0.333	0.319	4.2	122	0.00
36 T	1,1-Dichloropropene	0.515	0.498	3.3	115	0.00
37 T	Ethyl Acetate	0.412	0.398	3.4	108	0.00
38 T	Carbon Tetrachloride	0.603	0.568	5.8	113	0.00
39 T	Methylcyclohexane	0.626	0.628	-0.3	117	0.00
40 TM	Benzene	1.519	1.427	6.1	115	0.00
41 T	Methacrylonitrile	0.245	0.233	4.9	111	0.00
42 TM	1,2-Dichloroethane	0.593	0.528	11.0	109	0.00
43 T	Isopropyl Acetate	0.728	0.689	5.4	111	0.00
44 TM	Trichloroethene	0.393	0.365	7.1	115	0.00
45 C	1,2-Dichloropropane	0.374	0.354	5.3#	116	0.00
46 T	Dibromomethane	0.261	0.243	6.9	113	0.00
47 T	Bromodichloromethane	0.554	0.537	3.1	116	0.00
48 T	Methyl methacrylate	0.356	0.324	9.0	105	0.00

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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)
49 T	1,4-Dioxane	0.007	0.006	14.3	112	0.00
50 S	Toluene-d8	1.228	1.200	2.3	120	0.00
51 T	4-Methyl-2-Pentanone	0.437	0.395	9.6	107	0.00
52 CM	Toluene	0.935	0.904	3.3#	116	0.00
53 T	t-1,3-Dichloropropene	0.552	0.552	0.0	113	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.596	1.7	115	0.00
55 T	1,1,2-Trichloroethane	0.364	0.337	7.4	114	0.00
56 T	Ethyl methacrylate	0.552	0.543	1.6	112	0.00
57 T	1,3-Dichloropropane	0.641	0.589	8.1	113	0.00
58 T	2-Chloroethyl Vinyl ether	0.176	0.175	0.6	116	0.00
59 T	2-Hexanone	0.319	0.296	7.2	110	0.00
60 T	Dibromochloromethane	0.401	0.395	1.5	117	0.00
61 T	1,2-Dibromoethane	0.365	0.343	6.0	112	0.00
62 S	4-Bromofluorobenzene	0.449	0.445	0.9	118	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
64 T	Tetrachloroethene	0.405	0.388	4.2	108	0.00
65 PM	Chlorobenzene	1.118	1.053	5.8	115	0.00
66 T	1,1,1,2-Tetrachloroethane	0.437	0.413	5.5	116	0.00
67 C	Ethyl Benzene	2.057	2.019	1.8#	114	0.00
68 T	m/p-Xylenes	0.773	0.763	1.3	115	0.00
69 T	o-Xylene	0.750	0.738	1.6	114	0.00
70 T	Styrene	1.212	1.228	-1.3	115	0.00
71 P	Bromoform	0.316	0.312	1.3	112	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00
73 T	Isopropylbenzene	4.455	4.221	5.3	114	0.00
74 T	N-amyl acetate	1.475	1.402	4.9	111	0.00
75 P	1,1,2,2-Tetrachloroethane	1.311	1.100	16.1	113	0.00
76 T	1,2,3-Trichloropropane	1.212	1.057	12.8	111	0.00
77 T	Bromobenzene	0.996	0.914	8.2	115	0.00
78 T	n-propylbenzene	4.961	4.915	0.9	115	0.00
79 T	2-Chlorotoluene	3.217	3.008	6.5	114	0.00
80 T	1,3,5-Trimethylbenzene	3.795	3.700	2.5	113	0.00
81 T	trans-1,4-Dichloro-2-butene	0.371	0.380	-2.4	117	0.00
82 T	4-Chlorotoluene	3.040	2.976	2.1	116	0.00
83 T	tert-Butylbenzene	3.224	3.080	4.5	114	0.00
84 T	1,2,4-Trimethylbenzene	3.797	3.659	3.6	114	0.00
85 T	sec-Butylbenzene	4.420	4.386	0.8	114	0.00
86 T	p-Isopropyltoluene	3.569	3.663	-2.6	116	0.00
87 T	1,3-Dichlorobenzene	1.815	1.705	6.1	114	0.00
88 T	1,4-Dichlorobenzene	1.821	1.685	7.5	113	0.00
89 T	n-Butylbenzene	2.978	3.126	-5.0	117	0.00
90 T	Hexachloroethane	0.686	0.654	4.7	116	0.00
91 T	1,2-Dichlorobenzene	1.824	1.671	8.4	113	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.289	0.253	12.5	102	0.00
93 T	1,2,4-Trichlorobenzene	1.014	1.000	1.4	114	0.00
94 T	Hexachlorobutadiene	0.540	0.545	-0.9	114	0.00
95 T	Naphthalene	3.018	3.026	-0.3	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.984	0.965	1.9	112	0.00

(#) = Out of Range

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