

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078006.D
 Acq On : 20 Dec 2023 20:50
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 21 05:29:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 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	71	0.00
2 T	Dichlorodifluoromethane	0.625	0.521	16.6	62	0.00
3 P	Chloromethane	0.851	0.816	4.1	69	0.00
4 C	Vinyl Chloride	1.156	1.181	-2.2#	71	0.00
5 T	Bromomethane	0.649	0.943	-45.3#	100	0.00
6 T	Chloroethane	0.788	0.883	-12.1	78	0.00
7 T	Trichlorofluoromethane	1.064	1.005	5.5	66	0.00
8 T	Diethyl Ether	0.299	0.310	-3.7	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.609	0.618	-1.5	70	0.02
10 T	Methyl Iodide	0.399	0.688	-72.4#	91	0.00
11 T	Tert butyl alcohol	0.032	0.030	6.3	77	0.01
12 CM	1,1-Dichloroethene	0.601	0.587	2.3#	67	0.00
13 T	Acrolein	0.062	0.040	35.5#	46#	0.00
14 T	Allyl chloride	0.827	0.787	4.8	67	0.00
15 T	Acrylonitrile	0.128	0.135	-5.5	75	0.00
16 T	Acetone	0.161	0.125	22.4	75	0.00
17 T	Carbon Disulfide	2.033	1.705	16.1	59	0.00
18 T	Methyl Acetate	0.464	0.542	-16.8	83	0.00
19 T	Methyl tert-butyl Ether	1.275	1.417	-11.1	78	0.00
20 T	Methylene Chloride	0.835	0.776	7.1	76	0.00
21 T	trans-1,2-Dichloroethene	0.681	0.710	-4.3	70	0.00
22 T	Diisopropyl ether	1.727	1.810	-4.8	72	0.00
23 T	Vinyl Acetate	0.844	0.816	3.3	66	0.00
24 P	1,1-Dichloroethane	1.170	1.233	-5.4	73	0.00
25 T	2-Butanone	0.185	0.165	10.8	77	0.00
26 T	2,2-Dichloropropane	0.982	0.989	-0.7	70	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.839	-14.5	78	0.00
28 T	Bromochloromethane	0.473	0.464	1.9	68	0.00
29 T	Tetrahydrofuran	0.094	0.097	-3.2	74	0.00
30 C	Chloroform	1.171	1.329	-13.5#	78	0.00
31 T	Cyclohexane	1.048	0.879	16.1	59	0.00
32 T	1,1,1-Trichloroethane	1.032	1.094	-6.0	72	0.00
33 S	1,2-Dichloroethane-d4	0.589	0.673	-14.3	79	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	77	0.00
35 S	Dibromofluoromethane	0.350	0.417	-19.1	84	0.00
36 T	1,1-Dichloropropene	0.560	0.544	2.9	68	0.00
37 T	Ethyl Acetate	0.218	0.188	13.8	70	0.00
38 T	Carbon Tetrachloride	0.558	0.550	1.4	69	0.00
39 T	Methylcyclohexane	0.664	0.614	7.5	63	0.00
40 TM	Benzene	1.590	1.666	-4.8	74	0.00
41 T	Methacrylonitrile	0.111	0.122	-9.9	86	0.00
42 TM	1,2-Dichloroethane	0.412	0.451	-9.5	78	0.00
43 T	Isopropyl Acetate	0.388	0.387	0.3	73	0.00
44 TM	Trichloroethene	0.414	0.431	-4.1	72	0.00
45 C	1,2-Dichloropropane	0.387	0.419	-8.3#	77	0.00
46 T	Dibromomethane	0.205	0.234	-14.1	81	0.00
47 T	Bromodichloromethane	0.518	0.583	-12.5	79	0.00
48 T	Methyl methacrylate	0.221	0.220	0.5	72	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	85	0.00
50 S	Toluene-d8	1.403	1.600	-14.0	78	0.00
51 T	4-Methyl-2-Pentanone	0.198	0.205	-3.5	74	0.00
52 CM	Toluene	0.986	1.083	-9.8#	75	0.00
53 T	t-1,3-Dichloropropene	0.498	0.546	-9.6	77	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.649	-7.8	75	0.00
55 T	1,1,2-Trichloroethane	0.280	0.320	-14.3	81	0.00
56 T	Ethyl methacrylate	0.247	0.277	-12.1	79	0.00
57 T	1,3-Dichloropropane	0.482	0.544	-12.9	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.126	10.6	69	0.00
59 T	2-Hexanone	0.164	0.146	11.0	73	0.00
60 T	Dibromochloromethane	0.337	0.394	-16.9	82	0.00
61 T	1,2-Dibromoethane	0.263	0.304	-15.6	84	0.00
62 S	4-Bromofluorobenzene	0.419	0.484	-15.5	81	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	77	0.00
64 T	Tetrachloroethene	0.367	0.372	-1.4	72	0.00
65 PM	Chlorobenzene	1.310	1.217	7.1	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.416	0.457	-9.9	79	0.00
67 C	Ethyl Benzene	2.082	2.171	-4.3#	74	0.00
68 T	m/p-Xylenes	0.796	0.850	-6.8	74	0.00
69 T	o-Xylene	0.734	0.791	-7.8	76	0.00
70 T	Styrene	1.091	1.220	-11.8	78	0.00
71 P	Bromoform	0.217	0.241	-11.1	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	78	0.00
73 T	Isopropylbenzene	3.790	3.851	-1.6	74	0.00
74 T	N-amyl acetate	0.745	0.681	8.6	71	0.00
75 P	1,1,2,2-Tetrachloroethane	0.661	0.717	-8.5	81	0.00
76 T	1,2,3-Trichloropropane	0.434	0.485	-11.8	73	0.00
77 T	Bromobenzene	0.891	0.955	-7.2	81	0.00
78 T	n-propylbenzene	4.618	4.698	-1.7	73	0.00
79 T	2-Chlorotoluene	2.475	2.553	-3.2	76	0.00
80 T	1,3,5-Trimethylbenzene	3.161	3.265	-3.3	74	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.227	-6.1	81	0.00
82 T	4-Chlorotoluene	2.587	2.752	-6.4	78	0.00
83 T	tert-Butylbenzene	2.668	2.849	-6.8	76	0.00
84 T	1,2,4-Trimethylbenzene	3.161	3.358	-6.2	76	0.00
85 T	sec-Butylbenzene	3.944	4.155	-5.3	75	0.00
86 T	p-Isopropyltoluene	3.531	3.778	-7.0	75	0.00
87 T	1,3-Dichlorobenzene	1.823	1.961	-7.6	78	0.00
88 T	1,4-Dichlorobenzene	1.966	1.902	3.3	77	0.00
89 T	n-Butylbenzene	3.323	3.488	-5.0	73	0.00
90 T	Hexachloroethane	0.649	0.738	-13.7	82	0.00
91 T	1,2-Dichlorobenzene	1.550	1.641	-5.9	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.105	-2.9	82	0.00
93 T	1,2,4-Trichlorobenzene	1.059	1.050	0.8	77	0.00
94 T	Hexachlorobutadiene	0.571	0.559	2.1	71	0.00
95 T	Naphthalene	1.759	1.935	-10.0	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.873	0.899	-3.0	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6