

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092023\
 Data File : VD077170.D
 Acq On : 20 Sep 2023 17:37
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 21 02:28:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 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	84	0.00
2 T	Dichlorodifluoromethane	0.517	0.511	1.2	93	0.00
3 P	Chloromethane	0.955	1.048	-9.7	108	0.00
4 C	Vinyl Chloride	1.022	1.179	-15.4#	106	0.00
5 T	Bromomethane	0.744	0.852	-14.5	118	0.00
6 T	Chloroethane	0.636	0.768	-20.8	120	0.00
7 T	Trichlorofluoromethane	0.923	1.033	-11.9	110	0.00
8 T	Diethyl Ether	0.298	0.300	-0.7	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.577	0.609	-5.5	91	0.00
10 T	Methyl Iodide	0.825	0.890	-7.9	92	0.00
11 T	Tert butyl alcohol	0.029	0.031	-6.9	100	0.00
12 CM	1,1-Dichloroethene	0.582	0.590	-1.4#	90	0.00
13 T	Acrolein	0.023	0.016	30.4#	79	0.00
14 T	Allyl chloride	0.710	0.745	-4.9	89	0.00
15 T	Acrylonitrile	0.125	0.132	-5.6	95	0.00
16 T	Acetone	0.115	0.128	-11.3	91	0.00
17 T	Carbon Disulfide	1.915	1.901	0.7	89	0.00
18 T	Methyl Acetate	0.436	0.472	-8.3	98	0.00
19 T	Methyl tert-butyl Ether	1.259	1.373	-9.1	96	0.00
20 T	Methylene Chloride	0.946	0.875	7.5	104	0.00
21 T	trans-1,2-Dichloroethene	0.703	0.738	-5.0	92	0.00
22 T	Diisopropyl ether	1.604	1.743	-8.7	94	0.00
23 T	Vinyl Acetate	0.641	0.711	-10.9	97	0.00
24 P	1,1-Dichloroethane	1.152	1.190	-3.3	94	0.00
25 T	2-Butanone	0.152	0.173	-13.8	100	0.00
26 T	2,2-Dichloropropane	0.977	1.099	-12.5	101	0.00
27 T	cis-1,2-Dichloroethene	0.790	0.868	-9.9	98	0.00
28 T	Bromochloromethane	0.354	0.367	-3.7	91	0.00
29 T	Tetrahydrofuran	0.089	0.099	-11.2	100	0.00
30 C	Chloroform	1.241	1.391	-12.1#	100	0.00
31 T	Cyclohexane	0.883	0.919	-4.1	91	0.00
32 T	1,1,1-Trichloroethane	1.036	1.159	-11.9	98	0.00
33 S	1,2-Dichloroethane-d4	0.505	0.500	1.0	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.347	0.350	-0.9	82	0.00
36 T	1,1-Dichloropropene	0.523	0.595	-13.8	98	0.00
37 T	Ethyl Acetate	0.201	0.211	-5.0	96	0.00
38 T	Carbon Tetrachloride	0.514	0.581	-13.0	95	0.00
39 T	Methylcyclohexane	0.602	0.722	-19.9	97	0.00
40 TM	Benzene	1.618	1.787	-10.4	96	0.00
41 T	Methacrylonitrile	0.107	0.128	-19.6	108	0.00
42 TM	1,2-Dichloroethane	0.401	0.444	-10.7	97	0.00
43 T	Isopropyl Acetate	0.369	0.410	-11.1	99	0.00
44 TM	Trichloroethene	0.448	0.487	-8.7	97	0.00
45 C	1,2-Dichloropropane	0.393	0.515	-31.0#	115	0.00
46 T	Dibromomethane	0.228	0.261	-14.5	101	0.00
47 T	Bromodichloromethane	0.552	0.636	-15.2	102	0.00
48 T	Methyl methacrylate	0.168	0.202	-20.2	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	117	0.00
50 S	Toluene-d8	1.236	1.277	-3.3	82	0.00
51 T	4-Methyl-2-Pentanone	0.193	0.225	-16.6	105	0.00
52 CM	Toluene	1.035	1.183	-14.3#	98	0.00
53 T	t-1,3-Dichloropropene	0.516	0.641	-24.2	109	0.00
54 T	cis-1,3-Dichloropropene	0.618	0.715	-15.7	101	0.00
55 T	1,1,2-Trichloroethane	0.311	0.371	-19.3	106	0.00
56 T	Ethyl methacrylate	0.334	0.415	-24.3	105	0.00
57 T	1,3-Dichloropropane	0.503	0.639	-27.0#	111	0.00
58 T	2-Chloroethyl Vinyl ether	0.139	0.184	-32.4#	88	0.00
59 T	2-Hexanone	0.139	0.165	-18.7	105	0.00
60 T	Dibromochloromethane	0.380	0.450	-18.4	103	0.00
61 T	1,2-Dibromoethane	0.300	0.341	-13.7	103	0.00
62 S	4-Bromofluorobenzene	0.383	0.424	-10.7	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.389	0.420	-8.0	98	0.00
65 PM	Chlorobenzene	1.176	1.276	-8.5	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.430	0.471	-9.5	103	0.00
67 C	Ethyl Benzene	2.022	2.425	-19.9#	109	0.00
68 T	m/p-Xylenes	0.809	0.914	-13.0	100	0.00
69 T	o-Xylene	0.743	0.832	-12.0	101	0.00
70 T	Styrene	1.266	1.460	-15.3	102	0.00
71 P	Bromoform	0.239	0.271	-13.4	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	90	0.00
73 T	Isopropylbenzene	3.695	4.188	-13.3	102	0.00
74 T	N-amyl acetate	0.694	0.782	-12.7	105	0.00
75 P	1,1,2,2-Tetrachloroethane	0.697	0.766	-9.9	108	0.00
76 T	1,2,3-Trichloropropane	0.399	0.545	-36.6#	135	0.00
77 T	Bromobenzene	0.920	1.025	-11.4	104	0.00
78 T	n-propylbenzene	4.516	6.078	-34.6#	121	0.00
79 T	2-Chlorotoluene	2.490	2.747	-10.3	101	0.00
80 T	1,3,5-Trimethylbenzene	3.085	3.487	-13.0	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.211	0.217	-2.8	98	0.00
82 T	4-Chlorotoluene	2.617	2.906	-11.0	99	0.00
83 T	tert-Butylbenzene	2.636	3.041	-15.4	102	0.00
84 T	1,2,4-Trimethylbenzene	3.129	3.631	-16.0	104	0.00
85 T	sec-Butylbenzene	3.956	4.513	-14.1	101	0.00
86 T	p-Isopropyltoluene	3.356	3.888	-15.9	102	0.00
87 T	1,3-Dichlorobenzene	1.892	2.067	-9.2	101	0.00
88 T	1,4-Dichlorobenzene	1.861	1.991	-7.0	100	0.00
89 T	n-Butylbenzene	3.096	3.493	-12.8	100	0.00
90 T	Hexachloroethane	0.666	0.715	-7.4	101	0.00
91 T	1,2-Dichlorobenzene	1.622	1.774	-9.4	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.107	-15.1	110	0.00
93 T	1,2,4-Trichlorobenzene	1.001	1.138	-13.7	105	0.00
94 T	Hexachlorobutadiene	0.530	0.578	-9.1	100	0.00
95 T	Naphthalene	1.835	2.133	-16.2	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.890	1.024	-15.1	104	0.00

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