

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077229.D
 Acq On : 28 Sep 2023 11:08
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 29 02:17:02 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	107	0.00
2 T	Dichlorodifluoromethane	0.517	0.488	5.6	113	0.00
3 P	Chloromethane	0.955	0.856	10.4	113	0.00
4 C	Vinyl Chloride	1.022	0.928	9.2#	107	0.00
5 T	Bromomethane	0.744	0.680	8.6	121	0.00
6 T	Chloroethane	0.636	0.576	9.4	116	0.00
7 T	Trichlorofluoromethane	0.923	0.973	-5.4	132	0.00
8 T	Diethyl Ether	0.298	0.289	3.0	117	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.577	0.603	-4.5	116	0.00
10 T	Methyl Iodide	0.825	0.716	13.2	95	0.00
11 T	Tert butyl alcohol	0.029	0.030	-3.4	125	0.00
12 CM	1,1-Dichloroethene	0.582	0.569	2.2#	112	0.00
13 T	Acrolein	0.023	0.013	43.5#	78	0.00
14 T	Allyl chloride	0.710	0.769	-8.3	118	0.00
15 T	Acrylonitrile	0.125	0.126	-0.8	116	0.00
16 T	Acetone	0.115	0.121	-5.2	110	0.00
17 T	Carbon Disulfide	1.915	1.832	4.3	110	0.00
18 T	Methyl Acetate	0.436	0.449	-3.0	119	0.00
19 T	Methyl tert-butyl Ether	1.259	1.272	-1.0	114	0.00
20 T	Methylene Chloride	0.946	0.773	18.3	117	0.00
21 T	trans-1,2-Dichloroethene	0.703	0.692	1.6	111	0.01
22 T	Diisopropyl ether	1.604	1.718	-7.1	119	0.00
23 T	Vinyl Acetate	0.641	0.698	-8.9	122	0.00
24 P	1,1-Dichloroethane	1.152	1.148	0.3	116	0.00
25 T	2-Butanone	0.152	0.158	-3.9	117	0.00
26 T	2,2-Dichloropropane	0.977	0.992	-1.5	116	0.00
27 T	cis-1,2-Dichloroethene	0.790	0.774	2.0	112	0.00
28 T	Bromochloromethane	0.354	0.370	-4.5	117	0.00
29 T	Tetrahydrofuran	0.089	0.092	-3.4	119	0.00
30 C	Chloroform	1.241	1.206	2.8#	111	0.00
31 T	Cyclohexane	0.883	0.939	-6.3	119	0.00
32 T	1,1,1-Trichloroethane	1.036	1.038	-0.2	113	0.00
33 S	1,2-Dichloroethane-d4	0.505	0.476	5.7	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35 S	Dibromofluoromethane	0.347	0.335	3.5	101	0.00
36 T	1,1-Dichloropropene	0.523	0.556	-6.3	117	0.00
37 T	Ethyl Acetate	0.201	0.204	-1.5	118	0.00
38 T	Carbon Tetrachloride	0.514	0.529	-2.9	111	0.00
39 T	Methylcyclohexane	0.602	0.639	-6.1	110	0.00
40 TM	Benzene	1.618	1.642	-1.5	113	0.00
41 T	Methacrylonitrile	0.107	0.103	3.7	111	0.00
42 TM	1,2-Dichloroethane	0.401	0.385	4.0	108	0.00
43 T	Isopropyl Acetate	0.369	0.374	-1.4	116	0.00
44 TM	Trichloroethene	0.448	0.438	2.2	112	0.00
45 C	1,2-Dichloropropane	0.393	0.398	-1.3#	114	0.00
46 T	Dibromomethane	0.228	0.220	3.5	109	0.00
47 T	Bromodichloromethane	0.552	0.541	2.0	111	0.00
48 T	Methyl methacrylate	0.168	0.178	-6.0	116	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	112	0.00
50 S	Toluene-d8	1.236	1.252	-1.3	102	0.00
51 T	4-Methyl-2-Pentanone	0.193	0.199	-3.1	118	0.00
52 CM	Toluene	1.035	1.034	0.1#	109	0.00
53 T	t-1,3-Dichloropropene	0.516	0.513	0.6	111	0.00
54 T	cis-1,3-Dichloropropene	0.618	0.626	-1.3	113	0.00
55 T	1,1,2-Trichloroethane	0.311	0.305	1.9	111	0.00
56 T	Ethyl methacrylate	0.334	0.351	-5.1	114	0.00
57 T	1,3-Dichloropropane	0.503	0.496	1.4	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.139	0.175	-25.9#	107	0.00
59 T	2-Hexanone	0.139	0.143	-2.9	117	0.00
60 T	Dibromochloromethane	0.380	0.358	5.8	104	0.00
61 T	1,2-Dibromoethane	0.300	0.286	4.7	110	0.00
62 S	4-Bromofluorobenzene	0.383	0.379	1.0	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	106	0.00
64 T	Tetrachloroethene	0.389	0.373	4.1	103	0.00
65 PM	Chlorobenzene	1.176	1.143	2.8	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.430	0.419	2.6	108	0.00
67 C	Ethyl Benzene	2.022	2.098	-3.8#	111	0.00
68 T	m/p-Xylenes	0.809	0.823	-1.7	107	0.00
69 T	o-Xylene	0.743	0.747	-0.5	107	0.00
70 T	Styrene	1.266	1.306	-3.2	107	0.00
71 P	Bromoform	0.239	0.221	7.5	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.695	3.941	-6.7	110	0.00
74 T	N-amyl acetate	0.694	0.730	-5.2	111	0.00
75 P	1,1,2,2-Tetrachloroethane	0.697	0.708	-1.6	114	0.00
76 T	1,2,3-Trichloropropane	0.399	0.471	-18.0	132	0.00
77 T	Bromobenzene	0.920	0.897	2.5	103	0.00
78 T	n-propylbenzene	4.516	4.890	-8.3	111	0.00
79 T	2-Chlorotoluene	2.490	2.628	-5.5	110	0.00
80 T	1,3,5-Trimethylbenzene	3.085	3.250	-5.3	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.211	0.228	-8.1	118	0.00
82 T	4-Chlorotoluene	2.617	2.729	-4.3	106	0.00
83 T	tert-Butylbenzene	2.636	2.822	-7.1	108	0.00
84 T	1,2,4-Trimethylbenzene	3.129	3.257	-4.1	107	0.00
85 T	sec-Butylbenzene	3.956	4.217	-6.6	107	0.00
86 T	p-Isopropyltoluene	3.356	3.550	-5.8	106	0.00
87 T	1,3-Dichlorobenzene	1.892	1.867	1.3	104	0.00
88 T	1,4-Dichlorobenzene	1.861	1.813	2.6	104	0.00
89 T	n-Butylbenzene	3.096	3.277	-5.8	107	0.00
90 T	Hexachloroethane	0.666	0.665	0.2	107	0.00
91 T	1,2-Dichlorobenzene	1.622	1.579	2.7	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.095	-2.2	111	0.00
93 T	1,2,4-Trichlorobenzene	1.001	0.996	0.5	104	0.00
94 T	Hexachlorobutadiene	0.530	0.477	10.0	94	0.00
95 T	Naphthalene	1.835	1.834	0.1	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.890	0.864	2.9	100	0.00

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