

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077424.D
 Acq On : 25 Oct 2023 19:45
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 26 08:55:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 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	125	0.00
2 T	Dichlorodifluoromethane	0.465	0.370	20.4	105	0.00
3 P	Chloromethane	0.947	0.701	26.0#	94	0.00
4 C	Vinyl Chloride	1.118	0.697	37.7#	77	0.00
5 T	Bromomethane	0.719	0.427	40.6#	78	0.00
6 T	Chloroethane	0.786	0.383	51.3#	62	0.00
7 T	Trichlorofluoromethane	1.134	0.621	45.2#	72	0.00
8 T	Diethyl Ether	0.304	0.225	26.0#	118	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.587	0.378	35.6#	93	0.00
10 T	Methyl Iodide	0.718	0.475	33.8#	86	0.00
11 T	Tert butyl alcohol	0.025	0.019	24.0	107	-0.01
12 CM	1,1-Dichloroethene	0.576	0.405	29.7#	100	0.00
13 T	Acrolein	0.044	0.046	-4.5	178#	0.00
14 T	Allyl chloride	0.546	0.467	14.5	117	0.00
15 T	Acrylonitrile	0.092	0.100	-8.7	136	0.00
16 T	Acetone	0.098	0.068	30.6#	104	0.00
17 T	Carbon Disulfide	1.692	1.196	29.3#	96	0.00
18 T	Methyl Acetate	0.341	0.298	12.6	123	0.00
19 T	Methyl tert-butyl Ether	0.981	0.950	3.2	117	0.00
20 T	Methylene Chloride	0.689	0.848	-23.1	171#	-0.01
21 T	trans-1,2-Dichloroethene	0.599	0.501	16.4	103	0.00
22 T	Diisopropyl ether	1.072	1.313	-22.5	141	0.00
23 T	Vinyl Acetate	0.503	0.603	-19.9	163#	0.00
24 P	1,1-Dichloroethane	0.892	0.842	5.6	117	0.00
25 T	2-Butanone	0.102	0.126	-23.5	152#	0.00
26 T	2,2-Dichloropropane	0.813	0.770	5.3	119	0.00
27 T	cis-1,2-Dichloroethene	0.671	0.669	0.3	123	0.00
28 T	Bromochloromethane	0.326	0.411	-26.1#	163#	0.00
29 T	Tetrahydrofuran	0.059	0.084	-42.4#	172#	0.00
30 C	Chloroform	1.023	1.032	-0.9#	124	0.00
31 T	Cyclohexane	0.695	0.824	-18.6	155#	0.00
32 T	1,1,1-Trichloroethane	0.882	0.843	4.4	118	0.00
33 S	1,2-Dichloroethane-d4	0.446	0.571	-28.0#	172#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	159#	0.00
35 S	Dibromofluoromethane	0.351	0.310	11.7	155#	0.00
36 T	1,1-Dichloropropene	0.462	0.388	16.0	132	0.00
37 T	Ethyl Acetate	0.145	0.137	5.5	165#	0.00
38 T	Carbon Tetrachloride	0.513	0.363	29.2#	114	0.00
39 T	Methylcyclohexane	0.561	0.475	15.3	133	0.00
40 TM	Benzene	1.401	1.282	8.5	142	0.00
41 T	Methacrylonitrile	0.069	0.090	-30.4#	178#	0.00
42 TM	1,2-Dichloroethane	0.330	0.276	16.4	131	0.00
43 T	Isopropyl Acetate	0.261	0.283	-8.4	171#	0.00
44 TM	Trichloroethene	0.410	0.291	29.0#	112	0.00
45 C	1,2-Dichloropropane	0.323	0.323	0.0	155#	0.00
46 T	Dibromomethane	0.202	0.169	16.3	131	0.00
47 T	Bromodichloromethane	0.481	0.404	16.0	132	0.00
48 T	Methyl methacrylate	0.118	0.135	-14.4	176#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	128	0.00
50 S	Toluene-d8	1.258	1.423	-13.1	192#	0.00
51 T	4-Methyl-2-Pentanone	0.131	0.159	-21.4	183#	0.00
52 CM	Toluene	0.915	0.842	8.0#	140	0.00
53 T	t-1,3-Dichloropropene	0.432	0.419	3.0	147	0.00
54 T	cis-1,3-Dichloropropene	0.529	0.506	4.3	147	0.00
55 T	1,1,2-Trichloroethane	0.280	0.262	6.4	146	0.00
56 T	Ethyl methacrylate	0.267	0.312	-16.9	174#	0.00
57 T	1,3-Dichloropropane	0.429	0.439	-2.3	160#	0.00
58 T	2-Chloroethyl Vinyl ether	0.132	0.152	-15.2	175#	0.00
59 T	2-Hexanone	0.094	0.118	-25.5#	188#	0.00
60 T	Dibromochloromethane	0.357	0.290	18.8	128	0.00
61 T	1,2-Dibromoethane	0.263	0.230	12.5	137	0.00
62 S	4-Bromofluorobenzene	0.362	0.426	-17.7	195#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	178#	0.00
64 T	Tetrachloroethene	0.372	0.232	37.6#	112	0.00
65 PM	Chlorobenzene	1.090	0.857	21.4	139	0.00
66 T	1,1,1,2-Tetrachloroethane	0.414	0.309	25.4#	133	0.00
67 C	Ethyl Benzene	1.807	1.516	16.1#	143	0.00
68 T	m/p-Xylenes	0.742	0.595	19.8	136	0.00
69 T	o-Xylene	0.683	0.556	18.6	138	0.00
70 T	Styrene	1.165	0.972	16.6	137	0.00
71 P	Bromoform	0.227	0.170	25.1#	131	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	123	0.00
73 T	Isopropylbenzene	3.307	3.872	-17.1	137	0.00
74 T	N-amyl acetate	0.476	0.710	-49.2#	181#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.601	0.738	-22.8	152#	0.00
76 T	1,2,3-Trichloropropane	0.583	0.482	17.3	86	0.00
77 T	Bromobenzene	0.868	0.920	-6.0	127	0.00
78 T	n-propylbenzene	3.983	4.602	-15.5	134	0.00
79 T	2-Chlorotoluene	2.169	2.484	-14.5	137	0.00
80 T	1,3,5-Trimethylbenzene	2.729	3.121	-14.4	133	0.00
81 T	trans-1,4-Dichloro-2-butene	0.187	0.240	-28.3#	152#	0.00
82 T	4-Chlorotoluene	2.259	2.619	-15.9	139	0.00
83 T	tert-Butylbenzene	2.420	2.466	-1.9	123	0.00
84 T	1,2,4-Trimethylbenzene	2.748	2.716	1.2	113	0.00
85 T	sec-Butylbenzene	3.641	3.116	14.4	101	0.00
86 T	p-Isopropyltoluene	3.163	2.571	18.7	95	0.00
87 T	1,3-Dichlorobenzene	1.827	1.445	20.9	95	0.00
88 T	1,4-Dichlorobenzene	1.811	1.417	21.8	97	0.00
89 T	n-Butylbenzene	2.754	2.329	15.4	100	0.00
90 T	Hexachloroethane	0.639	0.504	21.1	95	0.00
91 T	1,2-Dichlorobenzene	1.544	1.233	20.1	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.074	0.068	8.1	104	0.00
93 T	1,2,4-Trichlorobenzene	0.962	0.752	21.8	95	0.00
94 T	Hexachlorobutadiene	0.546	0.401	26.6#	92	0.00
95 T	Naphthalene	1.624	1.376	15.3	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.835	0.654	21.7	94	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5