

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110623\
 Data File : VD077512.D
 Acq On : 06 Nov 2023 17:22
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 07 02:11:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 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	59	0.00
2 T	Dichlorodifluoromethane	0.403	0.408	-1.2	65	0.00
3 P	Chloromethane	0.640	0.824	-28.7#	69	0.00
4 C	Vinyl Chloride	0.624	0.913	-46.3#	80	0.00
5 T	Bromomethane	0.327	0.492	-50.5#	81	0.00
6 T	Chloroethane	0.420	0.653	-55.5#	86	0.00
7 T	Trichlorofluoromethane	0.874	0.970	-11.0	65	0.00
8 T	Diethyl Ether	0.314	0.367	-16.9	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.528	0.588	-11.4	66	0.00
10 T	Methyl Iodide	0.577	0.684	-18.5	61	0.00
11 T	Tert butyl alcohol	0.056	0.057	-1.8	66	0.01
12 CM	1,1-Dichloroethene	0.500	0.578	-15.6#	66	0.00
13 T	Acrolein	0.074	0.064	13.5	53	0.00
14 T	Allyl chloride	1.205	1.354	-12.4	61	0.00
15 T	Acrylonitrile	0.170	0.202	-18.8	68	0.00
16 T	Acetone	0.187	0.207	-10.7	63	0.00
17 T	Carbon Disulfide	1.302	1.677	-28.8#	62	0.00
18 T	Methyl Acetate	0.682	0.819	-20.1	67	0.00
19 T	Methyl tert-butyl Ether	1.568	1.817	-15.9	67	0.00
20 T	Methylene Chloride	0.762	0.827	-8.5	68	0.00
21 T	trans-1,2-Dichloroethene	0.582	0.678	-16.5	64	0.00
22 T	Diisopropyl ether	2.561	2.917	-13.9	65	0.00
23 T	Vinyl Acetate	1.105	1.267	-14.7	65	0.00
24 P	1,1-Dichloroethane	1.329	1.505	-13.2	65	0.00
25 T	2-Butanone	0.250	0.276	-10.4	66	0.00
26 T	2,2-Dichloropropane	1.178	1.278	-8.5	65	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.841	-16.6	66	0.00
28 T	Bromochloromethane	0.537	0.596	-11.0	57	0.01
29 T	Tetrahydrofuran	0.148	0.169	-14.2	66	0.00
30 C	Chloroform	1.241	1.417	-14.2#	65	0.00
31 T	Cyclohexane	1.105	1.229	-11.2	65	0.00
32 T	1,1,1-Trichloroethane	1.022	1.163	-13.8	66	0.00
33 S	1,2-Dichloroethane-d4	0.707	0.791	-11.9	65	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	59	0.00
35 S	Dibromofluoromethane	0.346	0.378	-9.2	65	0.00
36 T	1,1-Dichloropropene	0.512	0.584	-14.1	65	0.00
37 T	Ethyl Acetate	0.294	0.328	-11.6	64	0.00
38 T	Carbon Tetrachloride	0.483	0.551	-14.1	69	0.00
39 T	Methylcyclohexane	0.585	0.661	-13.0	66	0.00
40 TM	Benzene	1.461	1.733	-18.6	67	0.00
41 T	Methacrylonitrile	0.188	0.217	-15.4	71	0.00
42 TM	1,2-Dichloroethane	0.463	0.519	-12.1	65	0.00
43 T	Isopropyl Acetate	0.607	0.669	-10.2	63	0.00
44 TM	Trichloroethene	0.358	0.407	-13.7	66	0.00
45 C	1,2-Dichloropropane	0.430	0.498	-15.8#	67	0.00
46 T	Dibromomethane	0.207	0.225	-8.7	64	0.00
47 T	Bromodichloromethane	0.547	0.610	-11.5	65	0.00
48 T	Methyl methacrylate	0.290	0.318	-9.7	62	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	67	0.00
50 S	Toluene-d8	1.342	1.523	-13.5	68	0.00
51 T	4-Methyl-2-Pentanone	0.299	0.336	-12.4	67	0.00
52 CM	Toluene	0.891	1.049	-17.7#	67	0.00
53 T	t-1,3-Dichloropropene	0.579	0.659	-13.8	66	0.00
54 T	cis-1,3-Dichloropropene	0.667	0.760	-13.9	65	0.00
55 T	1,1,2-Trichloroethane	0.276	0.318	-15.2	69	0.00
56 T	Ethyl methacrylate	0.411	0.466	-13.4	66	0.00
57 T	1,3-Dichloropropane	0.516	0.588	-14.0	66	0.00
58 T	2-Chloroethyl Vinyl ether	0.206	0.241	-17.0	65	0.00
59 T	2-Hexanone	0.220	0.237	-7.7	65	0.00
60 T	Dibromochloromethane	0.332	0.364	-9.6	65	0.00
61 T	1,2-Dibromoethane	0.262	0.285	-8.8	63	0.00
62 S	4-Bromofluorobenzene	0.452	0.497	-10.0	67	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	60	0.00
64 T	Tetrachloroethene	0.318	0.346	-8.8	66	0.00
65 PM	Chlorobenzene	1.048	1.198	-14.3	68	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.437	-10.4	66	0.00
67 C	Ethyl Benzene	2.015	2.273	-12.8#	67	0.00
68 T	m/p-Xylenes	0.728	0.831	-14.1	68	0.00
69 T	o-Xylene	0.697	0.810	-16.2	68	0.00
70 T	Styrene	1.203	1.381	-14.8	68	0.00
71 P	Bromoform	0.219	0.239	-9.1	67	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	63	0.00
73 T	Isopropylbenzene	4.077	4.450	-9.1	69	0.00
74 T	N-amyl acetate	1.444	1.472	-1.9	66	0.00
75 P	1,1,2,2-Tetrachloroethane	0.799	0.860	-7.6	67	0.00
76 T	1,2,3-Trichloropropane	0.609	0.535	12.2	56	0.00
77 T	Bromobenzene	0.897	0.963	-7.4	67	0.00
78 T	n-propylbenzene	5.176	5.598	-8.2	68	0.00
79 T	2-Chlorotoluene	2.931	3.082	-5.2	66	0.00
80 T	1,3,5-Trimethylbenzene	3.421	3.675	-7.4	68	0.00
81 T	trans-1,4-Dichloro-2-butene	0.315	0.328	-4.1	67	0.00
82 T	4-Chlorotoluene	3.053	3.187	-4.4	66	0.00
83 T	tert-Butylbenzene	2.876	3.117	-8.4	68	0.00
84 T	1,2,4-Trimethylbenzene	3.398	3.702	-8.9	69	0.00
85 T	sec-Butylbenzene	4.400	4.781	-8.7	70	0.00
86 T	p-Isopropyltoluene	3.577	3.929	-9.8	70	0.00
87 T	1,3-Dichlorobenzene	1.764	1.960	-11.1	70	0.00
88 T	1,4-Dichlorobenzene	1.762	1.932	-9.6	70	0.00
89 T	n-Butylbenzene	3.717	4.008	-7.8	69	0.00
90 T	Hexachloroethane	0.732	0.765	-4.5	66	0.00
91 T	1,2-Dichlorobenzene	1.550	1.713	-10.5	70	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.133	1.5	63	0.00
93 T	1,2,4-Trichlorobenzene	1.065	1.129	-6.0	67	0.00
94 T	Hexachlorobutadiene	0.574	0.583	-1.6	66	0.00
95 T	Naphthalene	2.031	2.214	-9.0	68	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.919	0.984	-7.1	67	0.00

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