

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110223\
 Data File : VD077486.D
 Acq On : 02 Nov 2023 10:20
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 03 01:00:39 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	70	0.00
2 T	Dichlorodifluoromethane	0.403	0.353	12.4	66	0.00
3 P	Chloromethane	0.640	0.696	-8.7	69	0.00
4 C	Vinyl Chloride	0.624	0.741	-18.8#	77	0.00
5 T	Bromomethane	0.327	0.426	-30.3#	83	0.01
6 T	Chloroethane	0.420	0.517	-23.1	80	0.00
7 T	Trichlorofluoromethane	0.874	0.829	5.1	66	0.01
8 T	Diethyl Ether	0.314	0.285	9.2	60	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.528	0.482	8.7	64	0.00
10 T	Methyl Iodide	0.577	0.573	0.7	60	0.00
11 T	Tert butyl alcohol	0.056	0.038	32.1#	52	0.01
12 CM	1,1-Dichloroethene	0.500	0.482	3.6#	65	0.01
13 T	Acrolein	0.074	0.062	16.2	60	0.00
14 T	Allyl chloride	1.205	1.132	6.1	61	0.01
15 T	Acrylonitrile	0.170	0.149	12.4	59	0.01
16 T	Acetone	0.187	0.171	8.6	62	0.00
17 T	Carbon Disulfide	1.302	1.431	-9.9	63	0.00
18 T	Methyl Acetate	0.682	0.607	11.0	58	0.00
19 T	Methyl tert-butyl Ether	1.568	1.355	13.6	59	0.00
20 T	Methylene Chloride	0.762	0.619	18.8	60	0.00
21 T	trans-1,2-Dichloroethene	0.582	0.562	3.4	63	0.00
22 T	Diisopropyl ether	2.561	2.351	8.2	62	0.00
23 T	Vinyl Acetate	1.105	0.940	14.9	57	0.00
24 P	1,1-Dichloroethane	1.329	1.240	6.7	63	0.01
25 T	2-Butanone	0.250	0.204	18.4	58	0.00
26 T	2,2-Dichloropropane	1.178	1.058	10.2	63	0.00
27 T	cis-1,2-Dichloroethene	0.721	0.676	6.2	63	0.00
28 T	Bromochloromethane	0.537	0.637	-18.6	72	0.01
29 T	Tetrahydrofuran	0.148	0.125	15.5	57	0.00
30 C	Chloroform	1.241	1.138	8.3#	62	0.00
31 T	Cyclohexane	1.105	1.042	5.7	66	0.00
32 T	1,1,1-Trichloroethane	1.022	0.964	5.7	65	0.00
33 S	1,2-Dichloroethane-d4	0.707	0.709	-0.3	69	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	70	0.00
35 S	Dibromofluoromethane	0.346	0.344	0.6	70	0.00
36 T	1,1-Dichloropropene	0.512	0.485	5.3	64	0.00
37 T	Ethyl Acetate	0.294	0.244	17.0	57	0.00
38 T	Carbon Tetrachloride	0.483	0.455	5.8	67	0.00
39 T	Methylcyclohexane	0.585	0.553	5.5	65	0.00
40 TM	Benzene	1.461	1.399	4.2	64	0.00
41 T	Methacrylonitrile	0.188	0.175	6.9	68	0.00
42 TM	1,2-Dichloroethane	0.463	0.403	13.0	60	0.00
43 T	Isopropyl Acetate	0.607	0.508	16.3	57	0.00
44 TM	Trichloroethene	0.358	0.325	9.2	62	0.00
45 C	1,2-Dichloropropane	0.430	0.397	7.7#	63	0.00
46 T	Dibromomethane	0.207	0.180	13.0	60	0.00
47 T	Bromodichloromethane	0.547	0.483	11.7	61	0.00
48 T	Methyl methacrylate	0.290	0.244	15.9	56	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	50	0.01
50 S	Toluene-d8	1.342	1.410	-5.1	74	0.00
51 T	4-Methyl-2-Pentanone	0.299	0.244	18.4	58	0.00
52 CM	Toluene	0.891	0.827	7.2#	63	0.00
53 T	t-1,3-Dichloropropene	0.579	0.506	12.6	60	0.00
54 T	cis-1,3-Dichloropropene	0.667	0.605	9.3	61	0.00
55 T	1,1,2-Trichloroethane	0.276	0.240	13.0	61	0.00
56 T	Ethyl methacrylate	0.411	0.343	16.5	58	0.00
57 T	1,3-Dichloropropane	0.516	0.455	11.8	60	0.00
58 T	2-Chloroethyl Vinyl ether	0.206	0.198	3.9	63	0.00
59 T	2-Hexanone	0.220	0.178	19.1	58	0.00
60 T	Dibromochloromethane	0.332	0.280	15.7	59	0.00
61 T	1,2-Dibromoethane	0.262	0.220	16.0	58	0.00
62 S	4-Bromofluorobenzene	0.452	0.443	2.0	70	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
64 T	Tetrachloroethene	0.318	0.284	10.7	62	0.00
65 PM	Chlorobenzene	1.048	0.947	9.6	62	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.342	13.6	59	0.00
67 C	Ethyl Benzene	2.015	1.873	7.0#	64	0.00
68 T	m/p-Xylenes	0.728	0.670	8.0	63	0.00
69 T	o-Xylene	0.697	0.645	7.5	63	0.00
70 T	Styrene	1.203	1.086	9.7	62	0.00
71 P	Bromoform	0.219	0.180	17.8	58	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	69	0.00
73 T	Isopropylbenzene	4.077	3.771	7.5	64	0.00
74 T	N-amyl acetate	1.444	1.180	18.3	57	0.00
75 P	1,1,2,2-Tetrachloroethane	0.799	0.674	15.6	57	0.00
76 T	1,2,3-Trichloropropane	0.609	0.526	13.6	61	0.00
77 T	Bromobenzene	0.897	0.777	13.4	59	0.00
78 T	n-propylbenzene	5.176	4.766	7.9	63	0.00
79 T	2-Chlorotoluene	2.931	2.620	10.6	61	0.00
80 T	1,3,5-Trimethylbenzene	3.421	3.125	8.7	63	0.00
81 T	trans-1,4-Dichloro-2-butene	0.315	0.255	19.0	56	0.00
82 T	4-Chlorotoluene	3.053	2.690	11.9	60	0.00
83 T	tert-Butylbenzene	2.876	2.639	8.2	63	0.00
84 T	1,2,4-Trimethylbenzene	3.398	3.077	9.4	63	0.00
85 T	sec-Butylbenzene	4.400	4.028	8.5	65	0.00
86 T	p-Isopropyltoluene	3.577	3.256	9.0	63	0.00
87 T	1,3-Dichlorobenzene	1.764	1.569	11.1	61	0.00
88 T	1,4-Dichlorobenzene	1.762	1.533	13.0	60	0.00
89 T	n-Butylbenzene	3.717	3.395	8.7	64	0.00
90 T	Hexachloroethane	0.732	0.655	10.5	62	0.00
91 T	1,2-Dichlorobenzene	1.550	1.361	12.2	60	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.100	25.9#	52	0.00
93 T	1,2,4-Trichlorobenzene	1.065	0.901	15.4	59	0.00
94 T	Hexachlorobutadiene	0.574	0.482	16.0	60	0.00
95 T	Naphthalene	2.031	1.702	16.2	57	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.919	0.757	17.6	56	0.00

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