

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122023\
 Data File : VD078019.D
 Acq On : 21 Dec 2023 04:01
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 21 05:35:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 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	68	0.00
2 T	Dichlorodifluoromethane	0.625	0.471	24.6	53	0.00
3 P	Chloromethane	0.851	0.872	-2.5	71	0.00
4 C	Vinyl Chloride	1.156	1.216	-5.2#	70	0.00
5 T	Bromomethane	0.649	0.971	-49.6#	98	0.00
6 T	Chloroethane	0.788	0.954	-21.1	81	0.00
7 T	Trichlorofluoromethane	1.064	0.990	7.0	62	0.00
8 T	Diethyl Ether	0.299	0.322	-7.7	71	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.609	0.589	3.3	64	0.01
10 T	Methyl Iodide	0.399	0.705	-76.7#	88	0.00
11 T	Tert butyl alcohol	0.032	0.025	21.9	61	0.01
12 CM	1,1-Dichloroethene	0.601	0.602	-0.2#	66	0.01
13 T	Acrolein	0.062	0.035	43.5#	38#	0.00
14 T	Allyl chloride	0.827	0.838	-1.3	68	0.00
15 T	Acrylonitrile	0.128	0.140	-9.4	74	0.01
16 T	Acetone	0.161	0.108	32.9#	62	0.00
17 T	Carbon Disulfide	2.033	1.782	12.3	58	0.00
18 T	Methyl Acetate	0.464	0.571	-23.1	83	0.00
19 T	Methyl tert-butyl Ether	1.275	1.460	-14.5	76	0.00
20 T	Methylene Chloride	0.835	0.811	2.9	76	0.00
21 T	trans-1,2-Dichloroethene	0.681	0.764	-12.2	72	0.01
22 T	Diisopropyl ether	1.727	1.939	-12.3	73	0.00
23 T	Vinyl Acetate	0.844	0.835	1.1	65	0.00
24 P	1,1-Dichloroethane	1.170	1.350	-15.4	76	0.00
25 T	2-Butanone	0.185	0.154	16.8	68	0.00
26 T	2,2-Dichloropropane	0.982	1.002	-2.0	68	0.00
27 T	cis-1,2-Dichloroethene	0.733	0.907	-23.7	80	0.00
28 T	Bromochloromethane	0.473	0.474	-0.2	66	0.00
29 T	Tetrahydrofuran	0.094	0.097	-3.2	70	0.00
30 C	Chloroform	1.171	1.433	-22.4#	80	0.00
31 T	Cyclohexane	1.048	0.897	14.4	58	0.01
32 T	1,1,1-Trichloroethane	1.032	1.144	-10.9	72	0.00
33 S	1,2-Dichloroethane-d4	0.589	0.636	-8.0	71	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	76	0.00
35 S	Dibromofluoromethane	0.350	0.378	-8.0	76	0.00
36 T	1,1-Dichloropropene	0.560	0.559	0.2	70	0.00
37 T	Ethyl Acetate	0.218	0.198	9.2	73	0.00
38 T	Carbon Tetrachloride	0.558	0.557	0.2	70	0.00
39 T	Methylcyclohexane	0.664	0.585	11.9	60	0.00
40 TM	Benzene	1.590	1.706	-7.3	75	0.00
41 T	Methacrylonitrile	0.111	0.102	8.1	72	0.00
42 TM	1,2-Dichloroethane	0.412	0.451	-9.5	78	0.00
43 T	Isopropyl Acetate	0.388	0.377	2.8	71	0.00
44 TM	Trichloroethene	0.414	0.448	-8.2	75	0.00
45 C	1,2-Dichloropropane	0.387	0.434	-12.1#	80	0.00
46 T	Dibromomethane	0.205	0.236	-15.1	82	0.00
47 T	Bromodichloromethane	0.518	0.610	-17.8	82	0.00
48 T	Methyl methacrylate	0.221	0.222	-0.5	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	81	0.00
50 S	Toluene-d8	1.403	1.479	-5.4	72	0.00
51 T	4-Methyl-2-Pentanone	0.198	0.196	1.0	71	0.00
52 CM	Toluene	0.986	1.107	-12.3#	76	0.00
53 T	t-1,3-Dichloropropene	0.498	0.542	-8.8	76	0.00
54 T	cis-1,3-Dichloropropene	0.602	0.656	-9.0	76	0.00
55 T	1,1,2-Trichloroethane	0.280	0.320	-14.3	81	0.00
56 T	Ethyl methacrylate	0.247	0.276	-11.7	79	0.00
57 T	1,3-Dichloropropane	0.482	0.552	-14.5	81	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.130	7.8	72	0.00
59 T	2-Hexanone	0.164	0.133	18.9	66	0.00
60 T	Dibromochloromethane	0.337	0.401	-19.0	84	0.00
61 T	1,2-Dibromoethane	0.263	0.301	-14.4	83	0.00
62 S	4-Bromofluorobenzene	0.419	0.461	-10.0	77	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.367	0.381	-3.8	76	0.00
65 PM	Chlorobenzene	1.310	1.232	6.0	80	0.00
66 T	1,1,1,2-Tetrachloroethane	0.416	0.455	-9.4	81	0.00
67 C	Ethyl Benzene	2.082	2.241	-7.6#	79	0.00
68 T	m/p-Xylenes	0.796	0.859	-7.9	77	0.00
69 T	o-Xylene	0.734	0.808	-10.1	80	0.00
70 T	Styrene	1.091	1.240	-13.7	82	0.00
71 P	Bromoform	0.217	0.238	-9.7	83	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.790	3.765	0.7	77	0.00
74 T	N-amyl acetate	0.745	0.613	17.7	68	0.00
75 P	1,1,2,2-Tetrachloroethane	0.661	0.680	-2.9	83	0.00
76 T	1,2,3-Trichloropropane	0.434	0.356	18.0	58	0.00
77 T	Bromobenzene	0.891	0.909	-2.0	83	0.00
78 T	n-propylbenzene	4.618	4.582	0.8	77	0.00
79 T	2-Chlorotoluene	2.475	2.514	-1.6	80	0.00
80 T	1,3,5-Trimethylbenzene	3.161	3.225	-2.0	79	0.00
81 T	trans-1,4-Dichloro-2-butene	0.214	0.193	9.8	74	0.00
82 T	4-Chlorotoluene	2.587	2.602	-0.6	79	0.00
83 T	tert-Butylbenzene	2.668	2.749	-3.0	79	0.00
84 T	1,2,4-Trimethylbenzene	3.161	3.275	-3.6	80	0.00
85 T	sec-Butylbenzene	3.944	3.944	0.0	77	0.00
86 T	p-Isopropyltoluene	3.531	3.612	-2.3	77	0.00
87 T	1,3-Dichlorobenzene	1.823	1.910	-4.8	82	0.00
88 T	1,4-Dichlorobenzene	1.966	1.801	8.4	79	0.00
89 T	n-Butylbenzene	3.323	3.314	0.3	75	0.00
90 T	Hexachloroethane	0.649	0.711	-9.6	85	0.00
91 T	1,2-Dichlorobenzene	1.550	1.584	-2.2	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.090	11.8	76	0.00
93 T	1,2,4-Trichlorobenzene	1.059	0.989	6.6	78	0.00
94 T	Hexachlorobutadiene	0.571	0.516	9.6	71	0.00
95 T	Naphthalene	1.759	1.794	-2.0	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.873	0.856	1.9	80	0.00

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