

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090425\
 Data File : VD080505.D
 Acq On : 04 Sep 2025 08:57
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 05 03:41:20 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 2025
 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	102	0.00
2 T	Dichlorodifluoromethane	0.426	0.379	11.0	106	0.00
3 P	Chloromethane	0.672	0.582	13.4	97	0.00
4 C	Vinyl Chloride	0.694	0.670	3.5#	105	0.00
5 T	Bromomethane	0.390	0.419	-7.4	124	0.00
6 T	Chloroethane	0.453	0.435	4.0	102	0.00
7 T	Trichlorofluoromethane	0.808	0.797	1.4	107	0.00
8 T	Diethyl Ether	0.320	0.282	11.9	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.524	0.507	3.2	104	0.00
10 T	Methyl Iodide	0.605	0.637	-5.3	105	0.00
11 T	Tert butyl alcohol	0.041	0.036	12.2	97	0.00
12 CM	1,1-Dichloroethene	0.546	0.529	3.1#	101	0.00
13 T	Acrolein	0.043	0.024	44.2#	60	0.00
14 T	Allyl chloride	0.948	0.884	6.8	98	0.00
15 T	Acrylonitrile	0.143	0.128	10.5	94	0.00
16 T	Acetone	0.132	0.148	-12.1	115	0.00
17 T	Carbon Disulfide	1.846	1.711	7.3	99	0.00
18 T	Methyl Acetate	0.372	0.322	13.4	97	-0.01
19 T	Methyl tert-butyl Ether	1.433	1.347	6.0	99	0.00
20 T	Methylene Chloride	0.725	0.623	14.1	97	0.00
21 T	trans-1,2-Dichloroethene	0.625	0.592	5.3	100	0.00
22 T	Diisopropyl ether	1.950	1.818	6.8	97	0.00
23 T	Vinyl Acetate	1.110	1.038	6.5	96	0.00
24 P	1,1-Dichloroethane	1.129	1.068	5.4	99	0.00
25 T	2-Butanone	0.187	0.183	2.1	103	0.00
26 T	2,2-Dichloropropane	0.894	0.888	0.7	104	0.00
27 T	cis-1,2-Dichloroethene	0.746	0.709	5.0	99	0.00
28 T	Bromochloromethane	0.460	0.407	11.5	91	0.00
29 T	Tetrahydrofuran	0.118	0.106	10.2	95	0.00
30 C	Chloroform	1.079	1.046	3.1#	100	0.00
31 T	Cyclohexane	1.057	0.969	8.3	101	0.00
32 T	1,1,1-Trichloroethane	0.899	0.897	0.2	105	0.00
33 S	1,2-Dichloroethane-d4	0.564	0.492	12.8	100	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35 S	Dibromofluoromethane	0.331	0.282	14.8	97	0.00
36 T	1,1-Dichloropropene	0.438	0.433	1.1	101	0.00
37 T	Ethyl Acetate	0.211	0.204	3.3	95	0.00
38 T	Carbon Tetrachloride	0.417	0.433	-3.8	107	0.00
39 T	Methylcyclohexane	0.583	0.584	-0.2	102	0.00
40 TM	Benzene	1.394	1.347	3.4	97	0.00
41 T	Methacrylonitrile	0.125	0.126	-0.8	100	0.00
42 TM	1,2-Dichloroethane	0.338	0.338	0.0	102	0.00
43 T	Isopropyl Acetate	0.429	0.403	6.1	96	0.00
44 TM	Trichloroethene	0.338	0.340	-0.6	103	0.00
45 C	1,2-Dichloropropane	0.346	0.335	3.2#	99	0.00
46 T	Dibromomethane	0.185	0.179	3.2	97	0.00
47 T	Bromodichloromethane	0.452	0.457	-1.1	102	0.00
48 T	Methyl methacrylate	0.213	0.196	8.0	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	94	0.00
50 S	Toluene-d8	1.306	1.149	12.0	99	0.00
51 T	4-Methyl-2-Pentanone	0.214	0.201	6.1	96	0.00
52 CM	Toluene	0.870	0.860	1.1#	100	0.00
53 T	t-1,3-Dichloropropene	0.460	0.450	2.2	98	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.538	2.2	99	0.00
55 T	1,1,2-Trichloroethane	0.248	0.237	4.4	97	0.00
56 T	Ethyl methacrylate	0.346	0.333	3.8	97	0.00
57 T	1,3-Dichloropropane	0.436	0.419	3.9	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.134	0.128	4.5	94	0.00
59 T	2-Hexanone	0.152	0.150	1.3	100	0.00
60 T	Dibromochloromethane	0.313	0.308	1.6	100	0.00
61 T	1,2-Dibromoethane	0.236	0.229	3.0	97	0.00
62 S	4-Bromofluorobenzene	0.425	0.357	16.0	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.309	0.323	-4.5	104	0.00
65 PM	Chlorobenzene	1.065	1.082	-1.6	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.352	-3.5	101	0.00
67 C	Ethyl Benzene	1.844	1.899	-3.0#	101	0.00
68 T	m/p-Xylenes	0.710	0.733	-3.2	100	0.00
69 T	o-Xylene	0.678	0.691	-1.9	99	0.00
70 T	Styrene	1.153	1.182	-2.5	99	0.00
71 P	Bromoform	0.193	0.197	-2.1	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	99	0.00
73 T	Isopropylbenzene	3.663	3.792	-3.5	102	0.00
74 T	N-amyl acetate	0.972	0.955	1.7	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.681	0.662	2.8	96	0.00
76 T	1,2,3-Trichloropropane	0.408	0.406	0.5	99	0.00
77 T	Bromobenzene	0.848	0.869	-2.5	100	0.00
78 T	n-propylbenzene	4.448	4.600	-3.4	102	0.00
79 T	2-Chlorotoluene	2.535	2.575	-1.6	100	0.00
80 T	1,3,5-Trimethylbenzene	2.977	3.062	-2.9	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.269	0.257	4.5	96	0.00
82 T	4-Chlorotoluene	2.607	2.671	-2.5	101	0.00
83 T	tert-Butylbenzene	2.583	2.686	-4.0	103	0.00
84 T	1,2,4-Trimethylbenzene	2.997	3.084	-2.9	102	0.00
85 T	sec-Butylbenzene	3.855	3.997	-3.7	103	0.00
86 T	p-Isopropyltoluene	3.224	3.342	-3.7	103	0.00
87 T	1,3-Dichlorobenzene	1.634	1.699	-4.0	102	0.00
88 T	1,4-Dichlorobenzene	1.641	1.682	-2.5	102	0.00
89 T	n-Butylbenzene	3.072	3.189	-3.8	102	0.00
90 T	Hexachloroethane	0.624	0.642	-2.9	105	0.00
91 T	1,2-Dichlorobenzene	1.454	1.474	-1.4	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.099	2.9	101	0.00
93 T	1,2,4-Trichlorobenzene	0.911	0.953	-4.6	105	0.00
94 T	Hexachlorobutadiene	0.414	0.445	-7.5	110	0.00
95 T	Naphthalene	1.938	1.916	1.1	99	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.780	0.806	-3.3	103	0.00

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