

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111825\
 Data File : VD080538.D
 Acq On : 18 Nov 2025 14:06
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 19 08:31:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111725S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 18 00:45:54 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	87	0.00
2 T	Dichlorodifluoromethane	0.373	0.367	1.6	88	0.00
3 P	Chloromethane	0.602	0.572	5.0	84	0.00
4 C	Vinyl Chloride	0.713	0.718	-0.7#	89	0.00
5 T	Bromomethane	0.529	0.514	2.8	87	0.00
6 T	Chloroethane	0.489	0.493	-0.8	89	0.00
7 T	Trichlorofluoromethane	0.811	0.825	-1.7	90	0.00
8 T	Diethyl Ether	0.224	0.191	14.7	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.513	0.520	-1.4	90	-0.01
10 T	Methyl Iodide	0.659	0.707	-7.3	85	0.00
11 T	Tert butyl alcohol	0.020	0.017	15.0	73	-0.01
12 CM	1,1-Dichloroethene	0.540	0.531	1.7#	86	0.00
13 T	Acrolein	0.034	0.023	32.4#	66	0.00
14 T	Allyl chloride	0.843	0.771	8.5	79	0.00
15 T	Acrylonitrile	0.090	0.079	12.2	74	0.00
16 T	Acetone	0.061	0.053	13.1	73	0.00
17 T	Carbon Disulfide	1.736	1.645	5.2	83	0.00
18 T	Methyl Acetate	0.189	0.165	12.7	74	0.00
19 T	Methyl tert-butyl Ether	0.956	0.883	7.6	77	0.00
20 T	Methylene Chloride	0.620	0.578	6.8	82	0.00
21 T	trans-1,2-Dichloroethene	0.602	0.588	2.3	85	0.00
22 T	Diisopropyl ether	1.522	1.376	9.6	77	0.00
23 T	Vinyl Acetate	0.793	0.713	10.1	75	0.00
24 P	1,1-Dichloroethane	1.041	0.990	4.9	82	0.00
25 T	2-Butanone	0.096	0.083	13.5	71	0.00
26 T	2,2-Dichloropropane	0.895	0.885	1.1	87	0.00
27 T	cis-1,2-Dichloroethene	0.701	0.665	5.1	82	0.00
28 T	Bromochloromethane	0.381	0.334	12.3	77	0.00
29 T	Tetrahydrofuran	0.064	0.055	14.1	70	0.00
30 C	Chloroform	1.021	0.997	2.4#	84	0.00
31 T	Cyclohexane	0.997	0.919	7.8	85	0.00
32 T	1,1,1-Trichloroethane	0.897	0.909	-1.3	88	0.00
33 S	1,2-Dichloroethane-d4	0.420	0.393	6.4	83	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.294	0.293	0.3	85	0.00
36 T	1,1-Dichloropropene	0.455	0.465	-2.2	85	0.00
37 T	Ethyl Acetate	0.138	0.121	12.3	71	0.00
38 T	Carbon Tetrachloride	0.457	0.495	-8.3	90	0.00
39 T	Methylcyclohexane	0.600	0.622	-3.7	86	0.00
40 TM	Benzene	1.409	1.400	0.6	82	0.00
41 T	Methacrylonitrile	0.090	0.078	13.3	75	0.00
42 TM	1,2-Dichloroethane	0.294	0.298	-1.4	82	0.00
43 T	Isopropyl Acetate	0.270	0.249	7.8	73	0.00
44 TM	Trichloroethene	0.356	0.370	-3.9	86	0.00
45 C	1,2-Dichloropropane	0.323	0.312	3.4#	80	0.00
46 T	Dibromomethane	0.159	0.159	0.0	81	0.00
47 T	Bromodichloromethane	0.430	0.434	-0.9	81	0.00
48 T	Methyl methacrylate	0.134	0.127	5.2	76	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.001	0.001	0.0	78	0.00
50 S	Toluene-d8	1.191	1.192	-0.1	86	0.00
51 T	4-Methyl-2-Pentanone	0.125	0.114	8.8	72	0.00
52 CM	Toluene	0.891	0.910	-2.1#	84	0.00
53 T	t-1,3-Dichloropropene	0.381	0.378	0.8	80	0.00
54 T	cis-1,3-Dichloropropene	0.491	0.486	1.0	80	0.00
55 T	1,1,2-Trichloroethane	0.204	0.198	2.9	79	0.00
56 T	Ethyl methacrylate	0.235	0.222	5.5	75	0.00
57 T	1,3-Dichloropropane	0.355	0.341	3.9	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.132	0.126	4.5	76	0.00
59 T	2-Hexanone	0.088	0.078	11.4	72	0.00
60 T	Dibromochloromethane	0.270	0.274	-1.5	81	0.00
61 T	1,2-Dibromoethane	0.196	0.191	2.6	78	0.00
62 S	4-Bromofluorobenzene	0.342	0.331	3.2	84	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.360	0.375	-4.2	86	0.00
65 PM	Chlorobenzene	1.113	1.148	-3.1	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.348	0.361	-3.7	83	0.00
67 C	Ethyl Benzene	2.018	2.080	-3.1#	84	0.00
68 T	m/p-Xylenes	0.772	0.807	-4.5	85	0.00
69 T	o-Xylene	0.714	0.738	-3.4	84	0.00
70 T	Styrene	1.178	1.217	-3.3	83	0.00
71 P	Bromoform	0.163	0.167	-2.5	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.00
73 T	Isopropylbenzene	4.244	4.404	-3.8	86	0.00
74 T	N-amyl acetate	0.658	0.600	8.8	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.532	0.514	3.4	77	0.00
76 T	1,2,3-Trichloropropane	0.389	0.375	3.6	89	0.00
77 T	Bromobenzene	0.901	0.920	-2.1	83	0.00
78 T	n-propylbenzene	5.092	5.297	-4.0	86	0.00
79 T	2-Chlorotoluene	2.801	2.845	-1.6	84	0.00
80 T	1,3,5-Trimethylbenzene	3.355	3.504	-4.4	87	0.00
81 T	trans-1,4-Dichloro-2-butene	0.204	0.188	7.8	76	0.00
82 T	4-Chlorotoluene	2.848	2.884	-1.3	84	0.00
83 T	tert-Butylbenzene	3.017	3.102	-2.8	84	0.00
84 T	1,2,4-Trimethylbenzene	3.301	3.404	-3.1	84	0.00
85 T	sec-Butylbenzene	4.466	4.658	-4.3	87	0.00
86 T	p-Isopropyltoluene	3.704	3.905	-5.4	87	0.00
87 T	1,3-Dichlorobenzene	1.790	1.870	-4.5	85	0.00
88 T	1,4-Dichlorobenzene	1.750	1.767	-1.0	84	0.00
89 T	n-Butylbenzene	3.532	3.681	-4.2	87	0.00
90 T	Hexachloroethane	0.723	0.726	-0.4	85	0.00
91 T	1,2-Dichlorobenzene	1.479	1.488	-0.6	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.073	0.073	0.0	84	0.00
93 T	1,2,4-Trichlorobenzene	0.914	0.919	-0.5	84	0.00
94 T	Hexachlorobutadiene	0.509	0.531	-4.3	89	0.00
95 T	Naphthalene	1.487	1.432	3.7	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.740	0.718	3.0	82	0.00

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