

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062625\
 Data File : VD080486.D
 Acq On : 26 Jun 2025 17:42
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 27 05:31:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:36 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	84	0.00
2 T	Dichlorodifluoromethane	0.445	0.434	2.5	85	0.00
3 P	Chloromethane	0.621	0.659	-6.1	88	0.00
4 C	Vinyl Chloride	0.630	0.688	-9.2#	90	0.00
5 T	Bromomethane	0.348	0.396	-13.8	101	0.00
6 T	Chloroethane	0.395	0.431	-9.1	89	0.00
7 T	Trichlorofluoromethane	0.792	0.821	-3.7	87	0.00
8 T	Diethyl Ether	0.308	0.339	-10.1	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.524	0.543	-3.6	88	0.00
10 T	Methyl Iodide	0.617	0.702	-13.8	87	0.00
11 T	Tert butyl alcohol	0.040	0.041	-2.5	80	0.00
12 CM	1,1-Dichloroethene	0.566	0.587	-3.7#	87	0.00
13 T	Acrolein	0.054	0.056	-3.7	86	0.00
14 T	Allyl chloride	0.991	1.043	-5.2	86	0.00
15 T	Acrylonitrile	0.147	0.156	-6.1	84	0.00
16 T	Acetone	0.127	0.124	2.4	90	0.00
17 T	Carbon Disulfide	1.787	1.916	-7.2	86	0.00
18 T	Methyl Acetate	0.385	0.395	-2.6	82	0.00
19 T	Methyl tert-butyl Ether	1.406	1.507	-7.2	86	0.00
20 T	Methylene Chloride	0.793	0.749	5.5	90	0.00
21 T	trans-1,2-Dichloroethene	0.631	0.665	-5.4	88	0.00
22 T	Diisopropyl ether	1.913	2.089	-9.2	89	0.00
23 T	Vinyl Acetate	1.090	1.199	-10.0	87	0.00
24 P	1,1-Dichloroethane	1.123	1.198	-6.7	89	0.00
25 T	2-Butanone	0.186	0.192	-3.2	87	0.00
26 T	2,2-Dichloropropane	0.888	0.905	-1.9	85	0.00
27 T	cis-1,2-Dichloroethene	0.755	0.802	-6.2	88	0.00
28 T	Bromochloromethane	0.443	0.497	-12.2	91	0.00
29 T	Tetrahydrofuran	0.117	0.127	-8.5	86	0.00
30 C	Chloroform	1.075	1.142	-6.2#	88	0.00
31 T	Cyclohexane	1.088	1.093	-0.5	87	0.00
32 T	1,1,1-Trichloroethane	0.898	0.929	-3.5	86	0.00
33 S	1,2-Dichloroethane-d4	0.490	0.543	-10.8	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.280	0.308	-10.0	86	0.00
36 T	1,1-Dichloropropene	0.437	0.455	-4.1	88	0.00
37 T	Ethyl Acetate	0.213	0.219	-2.8	84	0.00
38 T	Carbon Tetrachloride	0.418	0.427	-2.2	87	0.00
39 T	Methylcyclohexane	0.602	0.618	-2.7	87	0.00
40 TM	Benzene	1.403	1.474	-5.1	87	0.00
41 T	Methacrylonitrile	0.136	0.136	0.0	81	0.00
42 TM	1,2-Dichloroethane	0.330	0.344	-4.2	84	0.00
43 T	Isopropyl Acetate	0.418	0.440	-5.3	86	0.00
44 TM	Trichloroethene	0.340	0.353	-3.8	87	0.00
45 C	1,2-Dichloropropane	0.340	0.366	-7.6#	89	0.00
46 T	Dibromomethane	0.181	0.193	-6.6	87	0.00
47 T	Bromodichloromethane	0.450	0.475	-5.6	88	0.00
48 T	Methyl methacrylate	0.212	0.222	-4.7	85	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	1.131	1.233	-9.0	86	0.00
51 T	4-Methyl-2-Pentanone	0.212	0.226	-6.6	86	0.00
52 CM	Toluene	0.877	0.906	-3.3#	87	0.00
53 T	t-1,3-Dichloropropene	0.451	0.477	-5.8	87	0.00
54 T	cis-1,3-Dichloropropene	0.541	0.569	-5.2	87	0.00
55 T	1,1,2-Trichloroethane	0.247	0.257	-4.0	87	0.00
56 T	Ethyl methacrylate	0.353	0.374	-5.9	87	0.00
57 T	1,3-Dichloropropane	0.433	0.456	-5.3	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.135	0.136	-0.7	83	0.00
59 T	2-Hexanone	0.150	0.155	-3.3	85	0.00
60 T	Dibromochloromethane	0.305	0.319	-4.6	86	0.00
61 T	1,2-Dibromoethane	0.237	0.246	-3.8	85	0.00
62 S	4-Bromofluorobenzene	0.371	0.396	-6.7	86	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.310	0.320	-3.2	87	0.00
65 PM	Chlorobenzene	1.078	1.124	-4.3	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.339	0.358	-5.6	88	0.00
67 C	Ethyl Benzene	1.886	1.962	-4.0#	88	0.00
68 T	m/p-Xylenes	0.718	0.747	-4.0	87	0.00
69 T	o-Xylene	0.693	0.721	-4.0	88	0.00
70 T	Styrene	1.172	1.229	-4.9	88	0.00
71 P	Bromoform	0.193	0.197	-2.1	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.887	3.993	-2.7	88	0.00
74 T	N-amyl acetate	1.018	1.070	-5.1	87	0.00
75 P	1,1,2,2-Tetrachloroethane	0.724	0.731	-1.0	85	0.00
76 T	1,2,3-Trichloropropane	0.425	0.435	-2.4	86	0.00
77 T	Bromobenzene	0.869	0.895	-3.0	86	0.00
78 T	n-propylbenzene	4.679	4.837	-3.4	88	0.00
79 T	2-Chlorotoluene	2.691	2.769	-2.9	87	0.00
80 T	1,3,5-Trimethylbenzene	3.152	3.226	-2.3	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.286	0.286	0.0	81	0.00
82 T	4-Chlorotoluene	2.764	2.815	-1.8	87	0.00
83 T	tert-Butylbenzene	2.757	2.789	-1.2	87	0.00
84 T	1,2,4-Trimethylbenzene	3.147	3.227	-2.5	88	0.00
85 T	sec-Butylbenzene	4.072	4.164	-2.3	88	0.00
86 T	p-Isopropyltoluene	3.370	3.389	-0.6	87	0.00
87 T	1,3-Dichlorobenzene	1.681	1.738	-3.4	88	0.00
88 T	1,4-Dichlorobenzene	1.678	1.745	-4.0	89	0.00
89 T	n-Butylbenzene	3.234	3.334	-3.1	89	0.00
90 T	Hexachloroethane	0.651	0.657	-0.9	87	0.00
91 T	1,2-Dichlorobenzene	1.480	1.536	-3.8	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.109	0.108	0.9	86	0.00
93 T	1,2,4-Trichlorobenzene	0.927	0.964	-4.0	89	0.00
94 T	Hexachlorobutadiene	0.428	0.418	2.3	87	0.00
95 T	Naphthalene	2.060	2.113	-2.6	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.797	0.842	-5.6	89	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6