

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
 Data File : VD080317.D
 Acq On : 14 May 2025 12:25
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 15 03:32:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050625S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 07 08:57:11 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	95	0.00
2 T	Dichlorodifluoromethane	0.543	0.436	19.7	107	0.00
3 P	Chloromethane	1.039	0.814	21.7	96	0.00
4 C	Vinyl Chloride	1.300	1.137	12.5#	101	0.00
5 T	Bromomethane	0.936	0.779	16.8	101	0.00
6 T	Chloroethane	0.919	0.846	7.9	103	0.00
7 T	Trichlorofluoromethane	0.997	1.006	-0.9	113	0.00
8 T	Diethyl Ether	0.308	0.297	3.6	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.614	0.0	111	-0.01
10 T	Methyl Iodide	0.626	0.682	-8.9	109	0.00
11 T	Tert butyl alcohol	0.039	0.035	10.3	95	0.01
12 CM	1,1-Dichloroethene	0.605	0.601	0.7#	111	0.00
13 T	Acrolein	0.069	0.024	65.2#	36#	0.00
14 T	Allyl chloride	0.952	0.911	4.3	102	-0.01
15 T	Acrylonitrile	0.148	0.142	4.1	103	0.00
16 T	Acetone	0.119	0.127	-6.7	124	0.00
17 T	Carbon Disulfide	2.102	1.931	8.1	105	0.00
18 T	Methyl Acetate	0.418	0.354	15.3	96	0.00
19 T	Methyl tert-butyl Ether	1.330	1.424	-7.1	108	0.00
20 T	Methylene Chloride	0.825	0.727	11.9	105	0.00
21 T	trans-1,2-Dichloroethene	0.658	0.677	-2.9	110	0.00
22 T	Diisopropyl ether	1.961	2.025	-3.3	103	0.00
23 T	Vinyl Acetate	1.142	1.183	-3.6	101	0.00
24 P	1,1-Dichloroethane	1.234	1.235	-0.1	106	0.00
25 T	2-Butanone	0.178	0.179	-0.6	102	0.00
26 T	2,2-Dichloropropane	0.982	1.053	-7.2	113	0.00
27 T	cis-1,2-Dichloroethene	0.729	0.772	-5.9	111	0.00
28 T	Bromochloromethane	0.575	0.481	16.3	85	0.00
29 T	Tetrahydrofuran	0.116	0.114	1.7	98	0.00
30 C	Chloroform	1.231	1.284	-4.3#	110	0.00
31 T	Cyclohexane	1.050	1.017	3.1	105	0.00
32 T	1,1,1-Trichloroethane	1.004	1.082	-7.8	114	0.00
33 S	1,2-Dichloroethane-d4	0.647	0.574	11.3	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.335	0.347	-3.6	94	0.00
36 T	1,1-Dichloropropene	0.501	0.580	-15.8	111	0.00
37 T	Ethyl Acetate	0.262	0.270	-3.1	101	0.00
38 T	Carbon Tetrachloride	0.522	0.606	-16.1	112	0.00
39 T	Methylcyclohexane	0.581	0.680	-17.0	114	0.00
40 TM	Benzene	1.569	1.746	-11.3	108	0.00
41 T	Methacrylonitrile	0.145	0.139	4.1	98	0.00
42 TM	1,2-Dichloroethane	0.455	0.494	-8.6	106	0.00
43 T	Isopropyl Acetate	0.475	0.490	-3.2	97	0.00
44 TM	Trichloroethene	0.364	0.417	-14.6	114	0.00
45 C	1,2-Dichloropropane	0.402	0.459	-14.2#	108	0.00
46 T	Dibromomethane	0.219	0.252	-15.1	110	0.00
47 T	Bromodichloromethane	0.556	0.625	-12.4	108	0.00
48 T	Methyl methacrylate	0.226	0.248	-9.7	102	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	104	0.00
50 S	Toluene-d8	1.320	1.360	-3.0	93	0.00
51 T	4-Methyl-2-Pentanone	0.245	0.267	-9.0	98	0.00
52 CM	Toluene	0.945	1.116	-18.1#	110	0.00
53 T	t-1,3-Dichloropropene	0.507	0.565	-11.4	105	0.00
54 T	cis-1,3-Dichloropropene	0.588	0.678	-15.3	108	0.00
55 T	1,1,2-Trichloroethane	0.290	0.333	-14.8	106	0.00
56 T	Ethyl methacrylate	0.351	0.409	-16.5	102	0.00
57 T	1,3-Dichloropropane	0.482	0.559	-16.0	110	0.00
58 T	2-Chloroethyl Vinyl ether	0.144	0.149	-3.5	87	0.00
59 T	2-Hexanone	0.168	0.190	-13.1	101	0.00
60 T	Dibromochloromethane	0.363	0.436	-20.1	112	0.00
61 T	1,2-Dibromoethane	0.269	0.309	-14.9	112	0.00
62 S	4-Bromofluorobenzene	0.424	0.439	-3.5	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.339	0.392	-15.6	115	0.00
65 PM	Chlorobenzene	1.129	1.250	-10.7	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.440	-13.4	107	0.00
67 C	Ethyl Benzene	1.887	2.227	-18.0#	111	0.00
68 T	m/p-Xylenes	0.733	0.893	-21.8	112	0.00
69 T	o-Xylene	0.669	0.794	-18.7	111	0.00
70 T	Styrene	1.202	1.446	-20.3	110	0.00
71 P	Bromoform	0.230	0.268	-16.5	113	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.243	3.804	-17.3	112	0.00
74 T	N-amyl acetate	0.931	0.961	-3.2	101	0.00
75 P	1,1,2,2-Tetrachloroethane	0.713	0.750	-5.2	108	0.00
76 T	1,2,3-Trichloropropane	0.483	0.454	6.0	88	0.00
77 T	Bromobenzene	0.841	0.952	-13.2	110	0.00
78 T	n-propylbenzene	4.070	4.922	-20.9	113	0.00
79 T	2-Chlorotoluene	2.368	2.735	-15.5	111	0.00
80 T	1,3,5-Trimethylbenzene	2.766	3.312	-19.7	113	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.284	-11.8	107	0.00
82 T	4-Chlorotoluene	2.556	2.928	-14.6	112	0.00
83 T	tert-Butylbenzene	2.308	2.760	-19.6	114	0.00
84 T	1,2,4-Trimethylbenzene	2.830	3.425	-21.0	112	0.00
85 T	sec-Butylbenzene	3.560	4.290	-20.5	113	0.00
86 T	p-Isopropyltoluene	2.992	3.716	-24.2	115	0.00
87 T	1,3-Dichlorobenzene	1.755	1.987	-13.2	112	0.00
88 T	1,4-Dichlorobenzene	1.769	1.938	-9.6	110	0.00
89 T	n-Butylbenzene	2.904	3.505	-20.7	114	0.00
90 T	Hexachloroethane	0.662	0.734	-10.9	110	0.00
91 T	1,2-Dichlorobenzene	1.524	1.732	-13.6	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.114	0.120	-5.3	105	0.00
93 T	1,2,4-Trichlorobenzene	0.959	1.090	-13.7	111	0.00
94 T	Hexachlorobutadiene	0.499	0.576	-15.4	115	0.00
95 T	Naphthalene	1.800	1.986	-10.3	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.857	0.960	-12.0	109	0.00

(#) = Out of Range

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