

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051625\
 Data File : VD080380.D
 Acq On : 16 May 2025 19:28
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 17 01:24:40 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	101	0.00
2 T	Dichlorodifluoromethane	0.543	0.512	5.7	133	0.00
3 P	Chloromethane	1.039	0.765	26.4#	96	0.00
4 C	Vinyl Chloride	1.300	0.943	27.5#	89	0.00
5 T	Bromomethane	0.936	0.631	32.6#	87	0.00
6 T	Chloroethane	0.919	0.674	26.7#	88	0.00
7 T	Trichlorofluoromethane	0.997	0.977	2.0	116	0.00
8 T	Diethyl Ether	0.308	0.325	-5.5	121	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.601	2.1	116	0.00
10 T	Methyl Iodide	0.626	0.759	-21.2	129	0.00
11 T	Tert butyl alcohol	0.039	0.039	0.0	115	-0.01
12 CM	1,1-Dichloroethene	0.605	0.586	3.1#	115	0.00
13 T	Acrolein	0.069	0.017	75.4#	27#	0.00
14 T	Allyl chloride	0.952	0.913	4.1	109	0.00
15 T	Acrylonitrile	0.148	0.144	2.7	112	0.00
16 T	Acetone	0.119	0.104	12.6	107	0.00
17 T	Carbon Disulfide	2.102	2.040	2.9	117	0.00
18 T	Methyl Acetate	0.418	0.574	-37.3#	166#	0.00
19 T	Methyl tert-butyl Ether	1.330	1.502	-12.9	121	0.00
20 T	Methylene Chloride	0.825	0.771	6.5	118	0.00
21 T	trans-1,2-Dichloroethene	0.658	0.670	-1.8	116	0.00
22 T	Diisopropyl ether	1.961	2.003	-2.1	108	0.00
23 T	Vinyl Acetate	1.142	1.043	8.7	94	0.00
24 P	1,1-Dichloroethane	1.234	1.241	-0.6	113	0.00
25 T	2-Butanone	0.178	0.170	4.5	103	0.00
26 T	2,2-Dichloropropane	0.982	0.907	7.6	104	0.00
27 T	cis-1,2-Dichloroethene	0.729	0.778	-6.7	118	0.00
28 T	Bromochloromethane	0.575	0.517	10.1	97	0.00
29 T	Tetrahydrofuran	0.116	0.116	0.0	106	0.00
30 C	Chloroform	1.231	1.283	-4.2#	117	0.00
31 T	Cyclohexane	1.050	0.977	7.0	107	0.00
32 T	1,1,1-Trichloroethane	1.004	1.023	-1.9	115	0.00
33 S	1,2-Dichloroethane-d4	0.647	0.616	4.8	105	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35 S	Dibromofluoromethane	0.335	0.344	-2.7	108	0.00
36 T	1,1-Dichloropropene	0.501	0.514	-2.6	113	0.00
37 T	Ethyl Acetate	0.262	0.234	10.7	101	0.00
38 T	Carbon Tetrachloride	0.522	0.527	-1.0	112	0.00
39 T	Methylcyclohexane	0.581	0.573	1.4	110	0.00
40 TM	Benzene	1.569	1.596	-1.7	114	0.00
41 T	Methacrylonitrile	0.145	0.149	-2.8	121	0.00
42 TM	1,2-Dichloroethane	0.455	0.449	1.3	111	0.00
43 T	Isopropyl Acetate	0.475	0.449	5.5	102	0.00
44 TM	Trichloroethene	0.364	0.375	-3.0	118	0.00
45 C	1,2-Dichloropropane	0.402	0.398	1.0#	108	0.00
46 T	Dibromomethane	0.219	0.233	-6.4	117	0.00
47 T	Bromodichloromethane	0.556	0.584	-5.0	116	0.00
48 T	Methyl methacrylate	0.226	0.242	-7.1	115	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	113	0.00
50 S	Toluene-d8	1.320	1.310	0.8	103	0.00
51 T	4-Methyl-2-Pentanone	0.245	0.246	-0.4	104	0.00
52 CM	Toluene	0.945	0.977	-3.4#	112	0.00
53 T	t-1,3-Dichloropropene	0.507	0.512	-1.0	110	0.00
54 T	cis-1,3-Dichloropropene	0.588	0.599	-1.9	110	0.00
55 T	1,1,2-Trichloroethane	0.290	0.298	-2.8	110	0.00
56 T	Ethyl methacrylate	0.351	0.384	-9.4	111	0.00
57 T	1,3-Dichloropropane	0.482	0.505	-4.8	115	0.00
58 T	2-Chloroethyl Vinyl ether	0.144	0.157	-9.0	106	0.00
59 T	2-Hexanone	0.168	0.166	1.2	102	0.00
60 T	Dibromochloromethane	0.363	0.393	-8.3	116	0.00
61 T	1,2-Dibromoethane	0.269	0.283	-5.2	118	0.00
62 S	4-Bromofluorobenzene	0.424	0.420	0.9	104	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.339	0.338	0.3	113	0.00
65 PM	Chlorobenzene	1.129	1.140	-1.0	112	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.398	-2.6	110	0.00
67 C	Ethyl Benzene	1.887	1.967	-4.2#	112	0.00
68 T	m/p-Xylenes	0.733	0.770	-5.0	110	0.00
69 T	o-Xylene	0.669	0.704	-5.2	111	0.00
70 T	Styrene	1.202	1.268	-5.5	110	0.00
71 P	Bromoform	0.230	0.240	-4.3	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.243	3.539	-9.1	109	0.00
74 T	N-amyl acetate	0.931	0.874	6.1	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.713	0.759	-6.5	114	0.00
76 T	1,2,3-Trichloropropane	0.483	0.445	7.9	90	0.00
77 T	Bromobenzene	0.841	0.896	-6.5	108	0.00
78 T	n-propylbenzene	4.070	4.405	-8.2	106	0.00
79 T	2-Chlorotoluene	2.368	2.567	-8.4	109	0.00
80 T	1,3,5-Trimethylbenzene	2.766	3.065	-10.8	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.257	-1.2	102	0.00
82 T	4-Chlorotoluene	2.556	2.681	-4.9	108	0.00
83 T	tert-Butylbenzene	2.308	2.519	-9.1	109	0.00
84 T	1,2,4-Trimethylbenzene	2.830	3.093	-9.3	106	0.00
85 T	sec-Butylbenzene	3.560	3.811	-7.1	105	0.00
86 T	p-Isopropyltoluene	2.992	3.222	-7.7	104	0.00
87 T	1,3-Dichlorobenzene	1.755	1.786	-1.8	106	0.00
88 T	1,4-Dichlorobenzene	1.769	1.757	0.7	105	0.00
89 T	n-Butylbenzene	2.904	3.010	-3.7	102	0.00
90 T	Hexachloroethane	0.662	0.667	-0.8	104	0.00
91 T	1,2-Dichlorobenzene	1.524	1.569	-3.0	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.114	0.115	-0.9	106	0.00
93 T	1,2,4-Trichlorobenzene	0.959	0.985	-2.7	105	0.00
94 T	Hexachlorobutadiene	0.499	0.495	0.8	104	0.00
95 T	Naphthalene	1.800	1.913	-6.3	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.857	0.910	-6.2	108	0.00

(#) = Out of Range

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