

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051425\
 Data File : VD080336.D
 Acq On : 14 May 2025 21:58
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: May 15 03:41:11 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	82	0.00
2 T	Dichlorodifluoromethane	0.543	0.415	23.6	88	0.00
3 P	Chloromethane	1.039	0.724	30.3#	74	0.00
4 C	Vinyl Chloride	1.300	0.906	30.3#	70	0.00
5 T	Bromomethane	0.936	0.667	28.7#	75	0.00
6 T	Chloroethane	0.919	0.690	24.9	73	0.00
7 T	Trichlorofluoromethane	0.997	0.978	1.9	95	0.01
8 T	Diethyl Ether	0.308	0.318	-3.2	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.614	0.614	0.0	96	0.00
10 T	Methyl Iodide	0.626	0.738	-17.9	102	0.00
11 T	Tert butyl alcohol	0.039	0.037	5.1	88	0.00
12 CM	1,1-Dichloroethene	0.605	0.587	3.0#	94	0.00
13 T	Acrolein	0.069	0.023	66.7#	31#	0.00
14 T	Allyl chloride	0.952	0.850	10.7	83	0.00
15 T	Acrylonitrile	0.148	0.149	-0.7	94	0.00
16 T	Acetone	0.119	0.110	7.6	93	0.00
17 T	Carbon Disulfide	2.102	1.880	10.6	88	0.00
18 T	Methyl Acetate	0.418	0.457	-9.3	108	0.00
19 T	Methyl tert-butyl Ether	1.330	1.529	-15.0	101	0.00
20 T	Methylene Chloride	0.825	0.805	2.4	101	0.00
21 T	trans-1,2-Dichloroethene	0.658	0.711	-8.1	100	0.00
22 T	Diisopropyl ether	1.961	2.086	-6.4	92	0.00
23 T	Vinyl Acetate	1.142	1.164	-1.9	86	0.00
24 P	1,1-Dichloroethane	1.234	1.287	-4.3	96	0.00
25 T	2-Butanone	0.178	0.177	0.6	88	0.00
26 T	2,2-Dichloropropane	0.982	0.950	3.3	88	0.00
27 T	cis-1,2-Dichloroethene	0.729	0.820	-12.5	102	0.00
28 T	Bromochloromethane	0.575	0.525	8.7	80	0.00
29 T	Tetrahydrofuran	0.116	0.126	-8.6	93	0.00
30 C	Chloroform	1.231	1.379	-12.0#	102	0.00
31 T	Cyclohexane	1.050	0.949	9.6	85	0.00
32 T	1,1,1-Trichloroethane	1.004	1.097	-9.3	100	0.00
33 S	1,2-Dichloroethane-d4	0.647	0.622	3.9	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.335	0.378	-12.8	90	0.00
36 T	1,1-Dichloropropene	0.501	0.559	-11.6	94	0.00
37 T	Ethyl Acetate	0.262	0.278	-6.1	91	0.00
38 T	Carbon Tetrachloride	0.522	0.612	-17.2	99	0.00
39 T	Methylcyclohexane	0.581	0.626	-7.7	92	0.00
40 TM	Benzene	1.569	1.798	-14.6	98	0.00
41 T	Methacrylonitrile	0.145	0.152	-4.8	94	0.00
42 TM	1,2-Dichloroethane	0.455	0.523	-14.9	99	0.00
43 T	Isopropyl Acetate	0.475	0.518	-9.1	90	0.00
44 TM	Trichloroethene	0.364	0.419	-15.1	100	0.00
45 C	1,2-Dichloropropane	0.402	0.466	-15.9#	96	0.00
46 T	Dibromomethane	0.219	0.278	-26.9#	106	0.00
47 T	Bromodichloromethane	0.556	0.669	-20.3	101	0.00
48 T	Methyl methacrylate	0.226	0.262	-15.9	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	88	0.00
50 S	Toluene-d8	1.320	1.425	-8.0	85	0.00
51 T	4-Methyl-2-Pentanone	0.245	0.286	-16.7	92	0.00
52 CM	Toluene	0.945	1.147	-21.4#	100	0.00
53 T	t-1,3-Dichloropropene	0.507	0.603	-18.9	98	0.00
54 T	cis-1,3-Dichloropropene	0.588	0.684	-16.3	95	0.00
55 T	1,1,2-Trichloroethane	0.290	0.364	-25.5#	102	0.00
56 T	Ethyl methacrylate	0.351	0.448	-27.6#	98	0.00
57 T	1,3-Dichloropropane	0.482	0.599	-24.3	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.144	0.156	-8.3	80	0.00
59 T	2-Hexanone	0.168	0.196	-16.7	92	0.00
60 T	Dibromochloromethane	0.363	0.465	-28.1#	105	0.00
61 T	1,2-Dibromoethane	0.269	0.338	-25.7#	107	0.00
62 S	4-Bromofluorobenzene	0.424	0.463	-9.2	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.339	0.389	-14.7	102	0.00
65 PM	Chlorobenzene	1.129	1.307	-15.8	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.473	-21.9	103	0.00
67 C	Ethyl Benzene	1.887	2.244	-18.9#	101	0.00
68 T	m/p-Xylenes	0.733	0.883	-20.5	99	0.00
69 T	o-Xylene	0.669	0.810	-21.1	101	0.00
70 T	Styrene	1.202	1.500	-24.8	102	0.00
71 P	Bromoform	0.230	0.291	-26.5#	110	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.243	3.675	-13.3	99	0.00
74 T	N-amyl acetate	0.931	0.929	0.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.713	0.797	-11.8	105	0.00
76 T	1,2,3-Trichloropropane	0.483	0.577	-19.5	103	0.00
77 T	Bromobenzene	0.841	0.957	-13.8	101	0.00
78 T	n-propylbenzene	4.070	4.675	-14.9	99	0.00
79 T	2-Chlorotoluene	2.368	2.725	-15.1	101	0.00
80 T	1,3,5-Trimethylbenzene	2.766	3.256	-17.7	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.254	0.280	-10.2	97	0.00
82 T	4-Chlorotoluene	2.556	2.922	-14.3	103	0.00
83 T	tert-Butylbenzene	2.308	2.682	-16.2	101	0.00
84 T	1,2,4-Trimethylbenzene	2.830	3.372	-19.2	101	0.00
85 T	sec-Butylbenzene	3.560	4.032	-13.3	97	0.00
86 T	p-Isopropyltoluene	2.992	3.527	-17.9	100	0.00
87 T	1,3-Dichlorobenzene	1.755	2.000	-14.0	104	0.00
88 T	1,4-Dichlorobenzene	1.769	1.989	-12.4	104	0.00
89 T	n-Butylbenzene	2.904	3.317	-14.2	98	0.00
90 T	Hexachloroethane	0.662	0.764	-15.4	105	0.00
91 T	1,2-Dichlorobenzene	1.524	1.773	-16.3	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.114	0.130	-14.0	104	0.00
93 T	1,2,4-Trichlorobenzene	0.959	1.125	-17.3	105	0.00
94 T	Hexachlorobutadiene	0.499	0.560	-12.2	103	0.00
95 T	Naphthalene	1.800	2.117	-17.6	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.857	1.034	-20.7	107	0.00

(#) = Out of Range

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