

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080625\
 Data File : VW032034.D
 Acq On : 06 Aug 2025 17:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 LabSampleId :
 VSTDCCC050

Quant Time: Aug 07 02:21:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 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	170#	0.00
2 T	Dichlorodifluoromethane	0.372	0.174	53.2#	83	0.00
3 P	Chloromethane	0.477	0.259	45.7#	102	0.00
4 C	Vinyl Chloride	0.620	0.303	51.1#	84	0.00
5 T	Bromomethane	0.456	0.239	47.6#	94	0.00
6 T	Chloroethane	0.409	0.221	46.0#	96	0.00
7 T	Trichlorofluoromethane	0.628	0.283	54.9#	71	-0.01
8 T	Diethyl Ether	0.419	0.207	50.6#	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.604	0.316	47.7#	91	-0.01
10 T	Methyl Iodide	0.902	0.478	47.0#	94	0.00
11 T	Tert butyl alcohol	0.044	0.019	56.8#	74	0.01
12 CM	1,1-Dichloroethene	0.667	0.348	47.8#	92	0.00
13 T	Acrolein	0.065	0.004	93.8#	13#	0.00
14 T	Allyl chloride	1.038	0.516	50.3#	87	0.00
15 T	Acrylonitrile	0.187	0.076	59.4#	71	0.00
16 T	Acetone	0.179	0.060	66.5#	62	0.00
17 T	Carbon Disulfide	1.729	0.879	49.2#	89	0.00
18 T	Methyl Acetate	0.494	0.222	55.1#	80	0.00
19 T	Methyl tert-butyl Ether	1.152	0.587	49.0#	88	0.00
20 T	Methylene Chloride	0.944	0.389	58.8#	88	0.00
21 T	trans-1,2-Dichloroethene	0.707	0.373	47.2#	92	0.00
22 T	Diisopropyl ether	2.077	1.143	45.0#	94	0.00
23 T	Vinyl Acetate	1.357	0.630	53.6#	79	0.00
24 P	1,1-Dichloroethane	1.293	0.711	45.0#	96	0.00
25 T	2-Butanone	0.246	0.099	59.8#	71	0.00
26 T	2,2-Dichloropropane	0.732	0.353	51.8#	81	0.00
27 T	cis-1,2-Dichloroethene	0.832	0.468	43.7#	97	0.00
28 T	Bromochloromethane	0.541	0.250	53.8#	81	0.00
29 T	Tetrahydrofuran	0.161	0.067	58.4#	71	0.00
30 C	Chloroform	1.356	0.763	43.7#	99	0.00
31 T	Cyclohexane	1.160	0.590	49.1#	91	0.00
32 T	1,1,1-Trichloroethane	1.032	0.555	46.2#	94	0.00
33 S	1,2-Dichloroethane-d4	0.756	0.676	10.6	162#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	179#	0.00
35 S	Dibromofluoromethane	0.340	0.321	5.6	176#	0.00
36 T	1,1-Dichloropropene	0.522	0.265	49.2#	93	0.00
37 T	Ethyl Acetate	0.298	0.114	61.7#	69	0.00
38 T	Carbon Tetrachloride	0.501	0.250	50.1#	91	0.00
39 T	Methylcyclohexane	0.657	0.333	49.3#	91	0.00
40 TM	Benzene	1.545	0.832	46.1#	98	0.00
41 T	Methacrylonitrile	0.178	0.071	60.1#	71	0.00
42 TM	1,2-Dichloroethane	0.494	0.235	52.4#	88	0.00
43 T	Isopropyl Acetate	0.539	0.227	57.9#	77	0.00
44 TM	Trichloroethene	0.367	0.194	47.1#	96	0.00
45 C	1,2-Dichloropropane	0.372	0.197	47.0#	98	0.00
46 T	Dibromomethane	0.231	0.110	52.4#	87	0.00
47 T	Bromodichloromethane	0.553	0.287	48.1#	96	0.00
48 T	Methyl methacrylate	0.256	0.111	56.6#	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.001	50.0#	74	0.00
50 S	Toluene-d8	1.286	1.211	5.8	177#	0.00
51 T	4-Methyl-2-Pentanone	0.295	0.123	58.3#	75	0.00
52 CM	Toluene	0.993	0.530	46.6#	97	0.00
53 T	t-1,3-Dichloropropene	0.530	0.254	52.1#	87	0.00
54 T	cis-1,3-Dichloropropene	0.606	0.306	49.5#	91	0.00
55 T	1,1,2-Trichloroethane	0.306	0.148	51.6#	88	0.00
56 T	Ethyl methacrylate	0.433	0.206	52.4#	83	0.00
57 T	1,3-Dichloropropane	0.540	0.262	51.5#	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.222	0.085	61.7#	68	0.00
59 T	2-Hexanone	0.205	0.084	59.0#	73	0.00
60 T	Dibromochloromethane	0.357	0.174	51.3#	89	0.00
61 T	1,2-Dibromoethane	0.303	0.140	53.8#	85	0.00
62 S	4-Bromofluorobenzene	0.494	0.467	5.5	182#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	188#	0.00
64 T	Tetrachloroethene	0.330	0.167	49.4#	97	0.00
65 PM	Chlorobenzene	1.224	0.635	48.1#	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.379	0.203	46.4#	101	0.00
67 C	Ethyl Benzene	2.150	1.105	48.6#	93	0.00
68 T	m/p-Xylenes	0.809	0.432	46.6#	99	0.00
69 T	o-Xylene	0.766	0.408	46.7#	96	0.00
70 T	Styrene	1.304	0.700	46.3#	97	0.00
71 P	Bromoform	0.207	0.094	54.6#	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	193#	0.00
73 T	Isopropylbenzene	4.338	2.124	51.0#	93	0.00
74 T	N-amyl acetate	1.173	0.506	56.9#	82	0.00
75 P	1,1,2,2-Tetrachloroethane	0.921	0.383	58.4#	81	0.00
76 T	1,2,3-Trichloropropane	0.690	0.285	58.7#	79	0.00
77 T	Bromobenzene	0.939	0.472	49.7#	100	0.00
78 T	n-propylbenzene	5.328	2.635	50.5#	95	0.00
79 T	2-Chlorotoluene	3.181	1.604	49.6#	99	0.00
80 T	1,3,5-Trimethylbenzene	3.638	1.799	50.5#	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.299	0.113	62.2#	73	0.00
82 T	4-Chlorotoluene	3.337	1.626	51.3#	96	0.00
83 T	tert-Butylbenzene	3.099	1.511	51.2#	94	0.00
84 T	1,2,4-Trimethylbenzene	3.683	1.847	49.9#	97	0.00
85 T	sec-Butylbenzene	4.654	2.278	51.1#	95	0.00
86 T	p-Isopropyltoluene	3.847	1.881	51.1#	94	0.00
87 T	1,3-Dichlorobenzene	1.954	1.005	48.6#	101	0.00
88 T	1,4-Dichlorobenzene	1.914	0.930	51.4#	98	0.00
89 T	n-Butylbenzene	3.774	1.865	50.6#	94	0.00
90 T	Hexachloroethane	0.665	0.323	51.4#	97	0.00
91 T	1,2-Dichlorobenzene	1.732	0.834	51.8#	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.064	61.4#	76	0.00
93 T	1,2,4-Trichlorobenzene	1.044	0.528	49.4#	103	0.00
94 T	Hexachlorobutadiene	0.495	0.226	54.3#	89	0.00
95 T	Naphthalene	2.567	1.121	56.3#	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.946	0.450	52.4#	93	0.00

(#) = Out of Range

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