

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101425\  
 Data File : VX048179.D  
 Acq On : 14 Oct 2025 19:40  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleID :  
 VSTDCCC050

Quant Time: Oct 15 02:52:39 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 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	64	0.00
2 T	Dichlorodifluoromethane	0.518	0.553	-6.8	71	0.00
3 P	Chloromethane	0.680	0.713	-4.9	69	0.00
4 C	Vinyl Chloride	0.666	0.755	-13.4#	73	0.00
5 T	Bromomethane	0.422	0.498	-18.0	75	0.00
6 T	Chloroethane	0.445	0.474	-6.5	69	0.00
7 T	Trichlorofluoromethane	0.989	1.147	-16.0	74	0.00
8 T	Diethyl Ether	0.405	0.402	0.7	63	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.578	0.628	-8.7	69	0.00
10 T	Methyl Iodide	0.902	0.826	8.4	58	0.00
11 T	Tert butyl alcohol	0.089	0.090	-1.1	65	0.00
12 CM	1,1-Dichloroethene	0.594	0.657	-10.6#	70	0.00
13 T	Acrolein	0.082	0.087	-6.1	68	0.00
14 T	Allyl chloride	1.226	1.205	1.7	64	0.00
15 T	Acrylonitrile	0.328	0.347	-5.8	64	0.00
16 T	Acetone	0.346	0.273	21.1	55	0.00
17 T	Carbon Disulfide	1.626	1.942	-19.4	80	0.00
18 T	Methyl Acetate	0.770	0.713	7.4	52	0.00
19 T	Methyl tert-butyl Ether	2.169	2.228	-2.7	64	0.00
20 T	Methylene Chloride	0.732	0.766	-4.6	67	0.00
21 T	trans-1,2-Dichloroethene	0.640	0.704	-10.0	70	0.00
22 T	Diisopropyl ether	2.376	2.508	-5.6	65	0.00
23 T	Vinyl Acetate	1.901	1.983	-4.3	64	0.00
24 P	1,1-Dichloroethane	1.263	1.348	-6.7	67	0.00
25 T	2-Butanone	0.432	0.411	4.9	60	0.00
26 T	2,2-Dichloropropane	1.050	0.986	6.1	59	0.00
27 T	cis-1,2-Dichloroethene	0.783	0.832	-6.3	66	0.00
28 T	Bromochloromethane	0.551	0.563	-2.2	63	0.00
29 T	Tetrahydrofuran	0.260	0.259	0.4	60	0.00
30 C	Chloroform	1.276	1.411	-10.6#	68	0.00
31 T	Cyclohexane	1.052	1.106	-5.1	69	0.00
32 T	1,1,1-Trichloroethane	1.082	1.243	-14.9	71	0.00
33 S	1,2-Dichloroethane-d4	0.796	0.726	8.8	61	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	54	0.00
35 S	Dibromofluoromethane	0.335	0.400	-19.4	66	0.00
36 T	1,1-Dichloropropene	0.490	0.635	-29.6#	71	0.00
37 T	Ethyl Acetate	0.525	0.606	-15.4	62	0.00
38 T	Carbon Tetrachloride	0.532	0.717	-34.8#	72	0.00
39 T	Methylcyclohexane	0.556	0.626	-12.6	60	0.00
40 TM	Benzene	1.488	1.832	-23.1	65	0.00
41 T	Methacrylonitrile	0.271	0.321	-18.5	61	0.00
42 TM	1,2-Dichloroethane	0.566	0.612	-8.1	57	0.00
43 T	Isopropyl Acetate	0.860	0.799	7.1	48#	0.00
44 TM	Trichloroethene	0.360	0.429	-19.2	63	0.00
45 C	1,2-Dichloropropane	0.381	0.431	-13.1#	59	0.00
46 T	Dibromomethane	0.277	0.330	-19.1	62	0.00
47 T	Bromodichloromethane	0.572	0.772	-35.0#	69	0.00
48 T	Methyl methacrylate	0.429	0.468	-9.1	57	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101425\  
 Data File : VX048179.D  
 Acq On : 14 Oct 2025 19:40  
 Operator : JC/MD  
 Sample : VSTDCCC050  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 LabSampleId :  
 VSTDCCC050

Quant Time: Oct 15 02:52:39 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
 Quant Title : SW846 8260  
 QLast Update : Wed Sep 17 06:39:58 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)
49 T	1,4-Dioxane	0.004	0.006	-50.0#	65	0.00
50 S	Toluene-d8	1.160	1.281	-10.4	61	0.00
51 T	4-Methyl-2-Pentanone	0.477	0.598	-25.4#	64	0.00
52 CM	Toluene	0.917	1.199	-30.8#	69	0.00
53 T	t-1,3-Dichloropropene	0.584	0.745	-27.6#	65	0.00
54 T	cis-1,3-Dichloropropene	0.624	0.810	-29.8#	67	0.00
55 T	1,1,2-Trichloroethane	0.354	0.465	-31.4#	69	0.00
56 T	Ethyl methacrylate	0.555	0.706	-27.2#	64	0.00
57 T	1,3-Dichloropropane	0.607	0.804	-32.5#	69	0.00
58 T	2-Chloroethyl Vinyl ether	0.227	0.330	-45.4#	66	0.00
59 T	2-Hexanone	0.343	0.414	-20.7	62	0.00
60 T	Dibromochloromethane	0.407	0.571	-40.3#	71	0.00
61 T	1,2-Dibromoethane	0.360	0.488	-35.6#	70	0.00
62 S	4-Bromofluorobenzene	0.440	0.502	-14.1	64	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	63	0.00
64 T	Tetrachloroethene	0.326	0.414	-27.0#	80	0.00
65 PM	Chlorobenzene	1.136	1.297	-14.2	69	0.00
66 T	1,1,1,2-Tetrachloroethane	0.392	0.465	-18.6	71	0.00
67 C	Ethyl Benzene	1.960	2.239	-14.2#	69	0.00
68 T	m/p-Xylenes	0.729	0.858	-17.7	71	0.00
69 T	o-Xylene	0.706	0.820	-16.1	69	0.00
70 T	Styrene	1.236	1.438	-16.3	70	0.00
71 P	Bromoform	0.293	0.355	-21.2	72	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	69	0.00
73 T	Isopropylbenzene	3.801	4.046	-6.4	69	0.00
74 T	N-amyl acetate	1.733	1.723	0.6	64	0.00
75 P	1,1,2,2-Tetrachloroethane	1.150	1.205	-4.8	68	0.00
76 T	1,2,3-Trichloropropane	1.012	1.082	-6.9	67	0.00
77 T	Bromobenzene	0.936	1.011	-8.0	71	0.00
78 T	n-propylbenzene	4.494	4.802	-6.9	70	0.00
79 T	2-Chlorotoluene	2.752	2.877	-4.5	68	0.00
80 T	1,3,5-Trimethylbenzene	3.123	3.334	-6.8	69	0.00
81 T	trans-1,4-Dichloro-2-butene	0.397	0.377	5.0	63	0.00
82 T	4-Chlorotoluene	3.251	3.448	-6.1	70	0.00
83 T	tert-Butylbenzene	3.197	3.348	-4.7	69	0.00
84 T	1,2,4-Trimethylbenzene	3.166	3.410	-7.7	71	0.00
85 T	sec-Butylbenzene	3.797	4.115	-8.4	71	0.00
86 T	p-Isopropyltoluene	3.215	3.419	-6.3	69	0.00
87 T	1,3-Dichlorobenzene	1.739	1.829	-5.2	70	0.00
88 T	1,4-Dichlorobenzene	1.785	1.844	-3.3	70	0.00
89 T	n-Butylbenzene	2.975	3.153	-6.0	70	0.00
90 T	Hexachloroethane	0.564	0.672	-19.1	79	0.00
91 T	1,2-Dichlorobenzene	1.657	1.754	-5.9	70	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.233	0.239	-2.6	65	0.00
93 T	1,2,4-Trichlorobenzene	1.077	1.091	-1.3	65	0.00
94 T	Hexachlorobutadiene	0.366	0.390	-6.6	70	0.00
95 T	Naphthalene	3.279	3.308	-0.9	65	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX101425\  
Data File : VX048179.D  
Acq On : 14 Oct 2025 19:40  
Operator : JC/MD  
Sample : VSTDCCC050  
Misc : 5.0mL/MSVOA\_X/WATER  
ALS Vial : 29 Sample Multiplier: 1

Instrument :  
MSVOA\_X  
LabSampleId :  
VSTDCCC050

Quant Time: Oct 15 02:52:39 2025  
Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\82X091625W.M  
Quant Title : SW846 8260  
QLast Update : Wed Sep 17 06:39:58 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)
96 T 1,2,3-Trichlorobenzene	1.002	1.034	-3.2	66	0.00

(#) = Out of Range

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