

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT103125\
 Data File : VT019226.D
 Acq On : 31 Oct 2025 13:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_T/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_T
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 01 05:20:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T102925W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 31 04:36:59 2025
 Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1 I	Pentafluorobenzene	1.000	1.000	0.0	72	0.06
2 T	Dichlorodifluoromethane	0.294	0.195	33.7#	50#	0.02
3 P	Chloromethane	0.454	0.423	6.8	73	0.06
4 C	Vinyl Chloride	0.580	0.438	24.5#	54	0.03
5 T	Bromomethane	0.313	0.370	-18.2	84	0.04
6 T	Chloroethane	0.527	0.491	6.8	70	0.04
7 T	Trichlorofluoromethane	1.075	0.890	17.2	61	0.04
8 T	Diethyl Ether	0.515	0.597	-15.9	84	0.05
9 T	1,1,2-Trichlorotrifluoroeth	0.521	0.447	14.2	65	0.06
10 T	Methyl Iodide	0.422	0.465	-10.2	75	0.06
11 T	Tert butyl alcohol	0.171	0.233	-36.3#	103	0.08
12 CM	1,1-Dichloroethene	0.482	0.463	3.9#	73	0.05
13 T	Acrolein	0.029	0.031	-6.9	83	0.05
14 T	Allyl chloride	0.950	1.000	-5.3	80	0.06
15 T	Acrylonitrile	0.417	0.523	-25.4#	96	0.07
16 T	Acetone	0.548	0.533	2.7	83	0.05
17 T	Carbon Disulfide	0.655	0.566	13.6	66	0.06
18 T	Methyl Acetate	1.415	1.957	-38.3#	100	0.06
19 T	Methyl tert-butyl Ether	2.176	2.619	-20.4#	89	0.08
20 T	Methylene Chloride	0.538	0.604	-12.3	88	0.07
21 T	trans-1,2-Dichloroethene	0.410	0.408	0.5	74	0.08
22 T	Diisopropyl ether	2.256	2.631	-16.6	87	0.08
23 T	Vinyl Acetate	1.612	1.881	-16.7	87	0.08
24 P	1,1-Dichloroethane	1.055	1.141	-8.2	81	0.08
25 T	2-Butanone	0.615	0.711	-15.6	92	0.08
26 T	2,2-Dichloropropane	0.911	0.784	13.9	63	0.08
27 T	cis-1,2-Dichloroethene	0.576	0.647	-12.3	82	0.08
28 T	Bromochloromethane	0.564	0.675	-19.7	86	0.08
29 T	Tetrahydrofuran	0.358	0.454	-26.8#	95	0.07
30 C	Chloroform	0.988	1.103	-11.6#	82	0.07
31 T	Cyclohexane	0.785	0.590	24.8#	60	0.06
32 T	1,1,1-Trichloroethane	0.786	0.763	2.9	72	0.07
33 S	1,2-Dichloroethane-d4	0.804	0.919	-14.3	87	0.07
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.06
35 S	Dibromofluoromethane	0.316	0.338	-7.0	87	0.07
36 T	1,1-Dichloropropene	0.356	0.300	15.7	68	0.06
37 T	Ethyl Acetate	0.606	0.687	-13.4	94	0.08
38 T	Carbon Tetrachloride	0.323	0.280	13.3	69	0.07
39 T	Methylcyclohexane	0.393	0.293	25.4#	59	0.06
40 TM	Benzene	1.204	1.187	1.4	80	0.07
41 T	Methacrylonitrile	0.305	0.346	-13.4	103	0.07
42 TM	1,2-Dichloroethane	0.423	0.459	-8.5	87	0.07
43 T	Isopropyl Acetate	0.963	1.088	-13.0	93	0.06
44 TM	Trichloroethene	0.235	0.213	9.4	72	0.06
45 C	1,2-Dichloropropane	0.306	0.318	-3.9#	84	0.06
46 T	Dibromomethane	0.184	0.204	-10.9	88	0.06
47 T	Bromodichloromethane	0.416	0.447	-7.5	85	0.06
48 T	Methyl methacrylate	0.432	0.499	-15.5	93	0.05

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 Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.008	0.010	-25.0#	103	0.06
50 S	Toluene-d8	1.284	1.218	5.1	77	0.05
51 T	4-Methyl-2-Pentanone	0.580	0.688	-18.6	97	0.05
52 CM	Toluene	0.688	0.673	2.2#	79	0.06
53 T	t-1,3-Dichloropropene	0.450	0.488	-8.4	86	0.05
54 T	cis-1,3-Dichloropropene	0.466	0.495	-6.2	84	0.06
55 T	1,1,2-Trichloroethane	0.271	0.311	-14.8	92	0.06
56 T	Ethyl methacrylate	0.521	0.607	-16.5	94	0.05
57 T	1,3-Dichloropropane	0.482	0.542	-12.4	91	0.05
58 T	2-Chloroethyl Vinyl ether	0.140	0.159	-13.6	94	0.06
59 T	2-Hexanone	0.439	0.490	-11.6	94	0.05
60 T	Dibromochloromethane	0.274	0.310	-13.1	90	0.05
61 T	1,2-Dibromoethane	0.253	0.284	-12.3	91	0.05
62 S	4-Bromofluorobenzene	0.404	0.394	2.5	82	0.05
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.05
64 T	Tetrachloroethene	0.227	0.207	8.8	76	0.05
65 PM	Chlorobenzene	0.897	0.862	3.9	81	0.05
66 T	1,1,1,2-Tetrachloroethane	0.307	0.310	-1.0	85	0.06
67 C	Ethyl Benzene	1.678	1.480	11.8#	75	0.05
68 T	m/p-Xylenes	0.620	0.557	10.2	76	0.05
69 T	o-Xylene	0.616	0.576	6.5	80	0.05
70 T	Styrene	1.109	1.052	5.1	80	0.05
71 P	Bromoform	0.235	0.268	-14.0	91	0.05
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.06
73 T	Isopropylbenzene	3.442	2.961	14.0	73	0.05
74 T	N-amyl acetate	1.736	1.884	-8.5	92	0.05
75 P	1,1,2,2-Tetrachloroethane	1.179	1.278	-8.4	94	0.05
76 T	1,2,3-Trichloropropane	1.029	0.909	11.7	72	0.05
77 T	Bromobenzene	0.730	0.711	2.6	84	0.05
78 T	n-propylbenzene	4.089	3.391	17.1	70	0.05
79 T	2-Chlorotoluene	2.343	2.117	9.6	77	0.05
80 T	1,3,5-Trimethylbenzene	2.765	2.416	12.6	75	0.05
81 T	trans-1,4-Dichloro-2-butene	0.439	0.477	-8.7	88	0.06
82 T	4-Chlorotoluene	2.384	2.172	8.9	78	0.05
83 T	tert-Butylbenzene	2.559	2.143	16.3	72	0.05
84 T	1,2,4-Trimethylbenzene	2.808	2.470	12.0	75	0.05
85 T	sec-Butylbenzene	3.753	3.115	17.0	70	0.06
86 T	p-Isopropyltoluene	3.134	2.595	17.2	71	0.05
87 T	1,3-Dichlorobenzene	1.498	1.379	7.9	80	0.05
88 T	1,4-Dichlorobenzene	1.509	1.392	7.8	80	0.06
89 T	n-Butylbenzene	2.895	2.382	17.7	68	0.05
90 T	Hexachloroethane	0.483	0.424	12.2	73	0.06
91 T	1,2-Dichlorobenzene	1.468	1.412	3.8	82	0.06
92 T	1,2-Dibromo-3-Chloropropane	0.254	0.287	-13.0	96	0.06
93 T	1,2,4-Trichlorobenzene	0.944	0.890	5.7	79	0.07
94 T	Hexachlorobutadiene	0.389	0.310	20.3#	69	0.06
95 T	Naphthalene	3.306	3.449	-4.3	89	0.07

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Max. RRF Dev : 20% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.931	0.900	3.3	82	0.07

(#) = Out of Range

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