

Data Path : Z:\voasrv\HPCHEM1\MSVOA_T\Data\VT120825\
 Data File : VT019247.D
 Acq On : 8 Dec 2025 15:30
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_T/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 ICVVT120825

Quant Time: Dec 09 01:17:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_T\methods\82T120825S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 09 01:13:34 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	92	0.00
2 T	Dichlorodifluoromethane	0.499	0.436	12.6	96	0.00
3 P	Chloromethane	0.789	0.710	10.0	102	0.00
4 C	Vinyl Chloride	0.827	0.781	5.6#	99	0.00
5 T	Bromomethane	0.622	0.602	3.2	99	0.02
6 T	Chloroethane	0.655	0.640	2.3	107	0.00
7 T	Trichlorofluoromethane	1.228	1.161	5.5	99	0.00
8 T	Diethyl Ether	0.472	0.442	6.4	92	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.718	0.694	3.3	99	0.00
10 T	Methyl Iodide	0.632	0.670	-6.0	99	0.00
11 T	Tert butyl alcohol	0.070	0.068	2.9	91	0.00
12 CM	1,1-Dichloroethene	0.736	0.689	6.4#	95	0.00
13 T	Acrolein	0.021	0.007	66.7#	85	0.00
14 T	Allyl chloride	1.425	1.381	3.1	99	0.00
15 T	Acrylonitrile	0.199	0.212	-6.5	93	0.00
16 T	Acetone	0.420	0.281	33.1#	92	0.00
17 T	Carbon Disulfide	2.153	2.042	5.2	98	0.00
18 T	Methyl Acetate	0.552	0.657	-19.0	90	0.00
19 T	Methyl tert-butyl Ether	1.918	2.032	-5.9	96	0.00
20 T	Methylene Chloride	0.975	0.912	6.5	105	0.00
21 T	trans-1,2-Dichloroethene	0.705	0.731	-3.7	101	0.00
22 T	Diisopropyl ether	2.441	2.411	1.2	95	0.00
23 T	Vinyl Acetate	1.061	1.077	-1.5	95	0.00
24 P	1,1-Dichloroethane	1.271	1.246	2.0	97	0.00
25 T	2-Butanone	0.284	0.235	17.3	89	0.00
26 T	2,2-Dichloropropane	0.929	0.945	-1.7	100	0.00
27 T	cis-1,2-Dichloroethene	0.737	0.718	2.6	96	0.00
28 T	Bromochloromethane	0.565	0.547	3.2	89	0.00
29 T	Tetrahydrofuran	0.141	0.142	-0.7	89	0.00
30 C	Chloroform	1.143	1.096	4.1#	95	0.00
31 T	Cyclohexane	1.291	1.198	7.2	98	0.00
32 T	1,1,1-Trichloroethane	0.919	0.910	1.0	97	0.00
33 S	1,2-Dichloroethane-d4	0.644	0.600	6.8	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.294	0.285	3.1	90	0.00
36 T	1,1-Dichloropropene	0.518	0.501	3.3	97	0.00
37 T	Ethyl Acetate	0.265	0.264	0.4	91	0.00
38 T	Carbon Tetrachloride	0.378	0.395	-4.5	99	0.00
39 T	Methylcyclohexane	0.692	0.693	-0.1	98	0.00
40 TM	Benzene	1.619	1.580	2.4	96	0.00
41 T	Methacrylonitrile	0.145	0.140	3.4	85	0.00
42 TM	1,2-Dichloroethane	0.415	0.409	1.4	92	0.00
43 T	Isopropyl Acetate	0.496	0.518	-4.4	92	0.00
44 TM	Trichloroethene	0.340	0.332	2.4	97	0.00
45 C	1,2-Dichloropropane	0.377	0.376	0.3#	96	0.00
46 T	Dibromomethane	0.171	0.175	-2.3	95	0.00
47 T	Bromodichloromethane	0.462	0.472	-2.2	96	0.00
48 T	Methyl methacrylate	0.237	0.250	-5.5	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	92	0.00
50 S	Toluene-d8	1.293	1.228	5.0	89	0.00
51 T	4-Methyl-2-Pentanone	0.245	0.248	-1.2	91	0.00
52 CM	Toluene	0.972	0.970	0.2#	96	0.00
53 T	t-1,3-Dichloropropene	0.419	0.452	-7.9	94	0.00
54 T	cis-1,3-Dichloropropene	0.530	0.547	-3.2	94	0.00
55 T	1,1,2-Trichloroethane	0.245	0.248	-1.2	92	0.00
56 T	Ethyl methacrylate	0.331	0.359	-8.5	91	0.00
57 T	1,3-Dichloropropane	0.454	0.459	-1.1	94	0.00
58 T	2-Chloroethyl Vinyl ether	0.536	0.633	-18.1	90	0.00
59 T	2-Hexanone	0.197	0.175	11.2	90	0.00
60 T	Dibromochloromethane	0.258	0.272	-5.4	94	0.00
61 T	1,2-Dibromoethane	0.207	0.215	-3.9	90	0.00
62 S	4-Bromofluorobenzene	0.469	0.385	17.9	85	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.375	0.355	5.3	96	0.00
65 PM	Chlorobenzene	1.144	1.111	2.9	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.328	0.325	0.9	93	0.00
67 C	Ethyl Benzene	2.203	2.116	3.9#	97	0.00
68 T	m/p-Xylenes	0.847	0.801	5.4	96	0.00
69 T	o-Xylene	0.802	0.772	3.7	96	0.00
70 T	Styrene	1.340	1.285	4.1	94	0.00
71 P	Bromoform	0.154	0.138	10.4	77	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	94	0.00
73 T	Isopropylbenzene	4.411	4.307	2.4	89	0.00
74 T	N-amyl acetate	0.813	0.850	-4.6	83	0.00
75 P	1,1,2,2-Tetrachloroethane	0.682	0.683	-0.1	82	0.00
76 T	1,2,3-Trichloropropane	0.523	0.489	6.5	87	0.00
77 T	Bromobenzene	0.910	0.943	-3.6	93	0.00
78 T	n-propylbenzene	5.198	4.896	5.8	83	0.00
79 T	2-Chlorotoluene	2.923	2.787	4.7	85	0.00
80 T	1,3,5-Trimethylbenzene	3.408	3.321	2.6	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.173	0.185	-6.9	79	0.00
82 T	4-Chlorotoluene	3.061	2.869	6.3	84	0.00
83 T	tert-Butylbenzene	3.060	3.018	1.4	103	0.00
84 T	1,2,4-Trimethylbenzene	3.452	3.677	-6.5	101	0.00
85 T	sec-Butylbenzene	4.604	4.614	-0.2	104	0.00
86 T	p-Isopropyltoluene	3.882	3.957	-1.9	100	0.00
87 T	1,3-Dichlorobenzene	1.888	1.860	1.5	99	0.00
88 T	1,4-Dichlorobenzene	1.794	1.723	4.0	101	0.00
89 T	n-Butylbenzene	3.660	3.690	-0.8	104	0.00
90 T	Hexachloroethane	0.480	0.522	-8.8	105	0.00
91 T	1,2-Dichlorobenzene	1.616	1.541	4.6	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.087	0.101	-16.1	102	0.00
93 T	1,2,4-Trichlorobenzene	1.061	1.060	0.1	107	0.00
94 T	Hexachlorobutadiene	0.543	0.535	1.5	109	0.01
95 T	Naphthalene	1.900	1.822	4.1	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.907	0.856	5.6	102	0.00

(#) = Out of Range

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