

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR120425\
 Data File : VR026797.D
 Acq On : 4 Dec 2025 16:55
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00g/5mL/MSVOA_R/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ICVVR120425

Quant Time: Dec 05 04:08:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_R\methods\82R120425S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 05 04:05:32 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	88	0.00
2 T	Dichlorodifluoromethane	0.564	0.520	7.8	79	0.00
3 P	Chloromethane	0.779	0.736	5.5	85	0.00
4 C	Vinyl Chloride	0.855	0.845	1.2#	85	0.00
5 T	Bromomethane	0.727	0.576	20.8#	75	0.00
6 T	Chloroethane	0.592	0.607	-2.5	89	0.00
7 T	Trichlorofluoromethane	1.363	1.339	1.8	84	0.00
8 T	Diethyl Ether	0.319	0.354	-11.0	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.640	0.650	-1.6	92	-0.02
10 T	Methyl Iodide	0.613	0.573	6.5	75	0.00
11 T	Tert butyl alcohol	0.204	0.073	64.2#	64	-0.01
12 CM	1,1-Dichloroethene	0.625	0.644	-3.0#	89	0.00
13 T	Acrolein	0.016	0.005	68.8#	58	0.00
14 T	Allyl chloride	1.141	1.188	-4.1	87	0.00
15 T	Acrylonitrile	0.183	0.184	-0.5	79	-0.02
16 T	Acetone	0.265	0.197	25.7#	74	-0.01
17 T	Carbon Disulfide	1.908	1.966	-3.0	90	0.00
18 T	Methyl Acetate	0.515	0.578	-12.2	77	-0.01
19 T	Methyl tert-butyl Ether	1.605	1.674	-4.3	84	-0.01
20 T	Methylene Chloride	0.759	0.734	3.3	88	0.00
21 T	trans-1,2-Dichloroethene	0.680	0.698	-2.6	94	0.00
22 T	Diisopropyl ether	2.319	2.376	-2.5	86	-0.01
23 T	Vinyl Acetate	1.134	1.085	4.3	78	0.00
24 P	1,1-Dichloroethane	1.303	1.339	-2.8	89	0.00
25 T	2-Butanone	0.326	0.262	19.6	74	0.00
26 T	2,2-Dichloropropane	1.126	1.055	6.3	83	0.00
27 T	cis-1,2-Dichloroethene	0.794	0.784	1.3	84	-0.01
28 T	Bromochloromethane	0.548	0.528	3.6	82	0.00
29 T	Tetrahydrofuran	0.150	0.146	2.7	75	0.00
30 C	Chloroform	1.197	1.220	-1.9#	88	-0.01
31 T	Cyclohexane	1.400	1.424	-1.7	90	-0.01
32 T	1,1,1-Trichloroethane	1.041	1.109	-6.5	90	-0.01
33 S	1,2-Dichloroethane-d4	0.608	0.590	3.0	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.283	0.286	-1.1	79	0.00
36 T	1,1-Dichloropropene	0.523	0.515	1.5	84	0.00
37 T	Ethyl Acetate	0.270	0.260	3.7	79	0.00
38 T	Carbon Tetrachloride	0.465	0.496	-6.7	89	0.00
39 T	Methylcyclohexane	0.781	0.789	-1.0	89	-0.01
40 TM	Benzene	1.602	1.590	0.7	84	0.00
41 T	Methacrylonitrile	0.164	0.170	-3.7	78	0.00
42 TM	1,2-Dichloroethane	0.397	0.410	-3.3	86	0.00
43 T	Isopropyl Acetate	0.550	0.546	0.7	78	-0.01
44 TM	Trichloroethene	0.381	0.372	2.4	82	0.00
45 C	1,2-Dichloropropane	0.385	0.375	2.6#	81	0.00
46 T	Dibromomethane	0.197	0.192	2.5	78	0.00
47 T	Bromodichloromethane	0.493	0.472	4.3	78	0.00
48 T	Methyl methacrylate	0.270	0.259	4.1	75	-0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	74	-0.01
50 S	Toluene-d8	1.334	1.348	-1.0	81	0.00
51 T	4-Methyl-2-Pentanone	0.292	0.293	-0.3	75	0.00
52 CM	Toluene	1.074	1.082	-0.7#	84	0.00
53 T	t-1,3-Dichloropropene	0.506	0.507	-0.2	79	-0.01
54 T	cis-1,3-Dichloropropene	0.605	0.576	4.8	79	0.00
55 T	1,1,2-Trichloroethane	0.284	0.279	1.8	77	0.00
56 T	Ethyl methacrylate	0.420	0.430	-2.4	79	0.00
57 T	1,3-Dichloropropane	0.515	0.502	2.5	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.025	0.023	8.0	56	-0.01
59 T	2-Hexanone	0.259	0.222	14.3	74	0.00
60 T	Dibromochloromethane	0.307	0.324	-5.5	82	-0.01
61 T	1,2-Dibromoethane	0.267	0.259	3.0	78	0.00
62 S	4-Bromofluorobenzene	0.513	0.512	0.2	76	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.346	0.322	6.9	85	0.00
65 PM	Chlorobenzene	1.223	1.150	6.0	81	0.00
66 T	1,1,1,2-Tetrachloroethane	0.334	0.326	2.4	82	0.00
67 C	Ethyl Benzene	2.201	2.178	1.0#	84	0.00
68 T	m/p-Xylenes	0.861	0.844	2.0	85	-0.01
69 T	o-Xylene	0.828	0.799	3.5	81	-0.01
70 T	Styrene	1.419	1.360	4.2	80	0.00
71 P	Bromoform	0.173	0.166	4.0	75	-0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	81	-0.01
73 T	Isopropylbenzene	3.456	3.813	-10.3	84	0.00
74 T	N-amyl acetate	0.946	0.956	-1.1	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.584	0.617	-5.7	75	-0.01
76 T	1,2,3-Trichloropropane	0.530	0.545	-2.8	71	0.00
77 T	Bromobenzene	0.739	0.805	-8.9	81	-0.01
78 T	n-propylbenzene	4.450	4.898	-10.1	85	0.00
79 T	2-Chlorotoluene	2.408	2.640	-9.6	83	0.00
80 T	1,3,5-Trimethylbenzene	3.019	3.286	-8.8	82	-0.01
81 T	trans-1,4-Dichloro-2-butene	0.201	0.203	-1.0	76	0.00
82 T	4-Chlorotoluene	2.616	2.795	-6.8	81	0.00
83 T	tert-Butylbenzene	2.720	2.972	-9.3	82	0.00
84 T	1,2,4-Trimethylbenzene	3.240	3.485	-7.6	85	-0.01
85 T	sec-Butylbenzene	4.288	4.727	-10.2	85	-0.01
86 T	p-Isopropyltoluene	3.777	3.946	-4.5	84	0.00
87 T	1,3-Dichlorobenzene	1.788	1.795	-0.4	82	0.00
88 T	1,4-Dichlorobenzene	1.888	1.842	2.4	80	0.00
89 T	n-Butylbenzene	3.893	4.268	-9.6	84	0.00
90 T	Hexachloroethane	0.590	0.629	-6.6	87	-0.01
91 T	1,2-Dichlorobenzene	1.642	1.683	-2.5	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.118	-9.3	84	0.00
93 T	1,2,4-Trichlorobenzene	1.054	1.113	-5.6	74	-0.01
94 T	Hexachlorobutadiene	0.487	0.535	-9.9	81	0.00
95 T	Naphthalene	1.861	1.946	-4.6	68	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.896	0.924	-3.1	72	0.00

(#) = Out of Range

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