

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082725\
 Data File : VD080503.D
 Acq On : 27 Aug 2025 13:40
 Operator : RP/MD
 Sample : VSTDICV050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 ICVVD082725

Quant Time: Aug 28 03:04:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082725S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 28 03:02:37 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	98	0.00
2 T	Dichlorodifluoromethane	0.426	0.363	14.8	98	0.00
3 P	Chloromethane	0.672	0.588	12.5	94	0.00
4 C	Vinyl Chloride	0.694	0.635	8.5#	96	0.00
5 T	Bromomethane	0.390	0.358	8.2	102	0.00
6 T	Chloroethane	0.453	0.416	8.2	95	0.00
7 T	Trichlorofluoromethane	0.808	0.760	5.9	99	0.00
8 T	Diethyl Ether	0.320	0.291	9.1	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.524	0.486	7.3	96	0.00
10 T	Methyl Iodide	0.605	0.581	4.0	93	0.00
11 T	Tert butyl alcohol	0.041	0.037	9.8	96	0.00
12 CM	1,1-Dichloroethene	0.546	0.515	5.7#	95	0.00
13 T	Acrolein	0.043	0.041	4.7	98	0.00
14 T	Allyl chloride	0.948	0.875	7.7	93	0.00
15 T	Acrylonitrile	0.143	0.133	7.0	95	0.00
16 T	Acetone	0.132	0.115	12.9	86	0.00
17 T	Carbon Disulfide	1.846	1.689	8.5	94	0.00
18 T	Methyl Acetate	0.372	0.402	-8.1	117	0.00
19 T	Methyl tert-butyl Ether	1.433	1.351	5.7	96	0.00
20 T	Methylene Chloride	0.725	0.599	17.4	90	0.00
21 T	trans-1,2-Dichloroethene	0.625	0.585	6.4	96	0.00
22 T	Diisopropyl ether	1.950	1.824	6.5	94	0.00
23 T	Vinyl Acetate	1.110	1.001	9.8	90	0.00
24 P	1,1-Dichloroethane	1.129	1.049	7.1	94	0.00
25 T	2-Butanone	0.187	0.170	9.1	92	0.00
26 T	2,2-Dichloropropane	0.894	0.833	6.8	94	0.00
27 T	cis-1,2-Dichloroethene	0.746	0.695	6.8	94	0.00
28 T	Bromochloromethane	0.460	0.431	6.3	93	0.00
29 T	Tetrahydrofuran	0.118	0.111	5.9	96	0.00
30 C	Chloroform	1.079	1.023	5.2#	95	0.00
31 T	Cyclohexane	1.057	0.965	8.7	97	0.00
32 T	1,1,1-Trichloroethane	0.899	0.859	4.4	97	0.00
33 S	1,2-Dichloroethane-d4	0.564	0.478	15.2	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.331	0.283	14.5	94	0.00
36 T	1,1-Dichloropropene	0.438	0.429	2.1	97	0.00
37 T	Ethyl Acetate	0.211	0.200	5.2	90	0.00
38 T	Carbon Tetrachloride	0.417	0.413	1.0	98	0.00
39 T	Methylcyclohexane	0.583	0.574	1.5	97	0.00
40 TM	Benzene	1.394	1.347	3.4	94	0.00
41 T	Methacrylonitrile	0.125	0.136	-8.8	104	0.00
42 TM	1,2-Dichloroethane	0.338	0.330	2.4	96	0.00
43 T	Isopropyl Acetate	0.429	0.411	4.2	94	0.00
44 TM	Trichloroethene	0.338	0.332	1.8	97	0.00
45 C	1,2-Dichloropropane	0.346	0.334	3.5#	95	0.00
46 T	Dibromomethane	0.185	0.186	-0.5	97	0.00
47 T	Bromodichloromethane	0.452	0.449	0.7	97	0.00
48 T	Methyl methacrylate	0.213	0.210	1.4	96	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	95	0.00
50 S	Toluene-d8	1.306	1.134	13.2	94	0.00
51 T	4-Methyl-2-Pentanone	0.214	0.208	2.8	95	0.00
52 CM	Toluene	0.870	0.847	2.6#	95	0.00
53 T	t-1,3-Dichloropropene	0.460	0.452	1.7	95	0.00
54 T	cis-1,3-Dichloropropene	0.550	0.533	3.1	95	0.00
55 T	1,1,2-Trichloroethane	0.248	0.242	2.4	95	0.00
56 T	Ethyl methacrylate	0.346	0.339	2.0	96	0.00
57 T	1,3-Dichloropropane	0.436	0.428	1.8	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.134	0.134	0.0	95	0.00
59 T	2-Hexanone	0.152	0.146	3.9	93	0.00
60 T	Dibromochloromethane	0.313	0.307	1.9	96	0.00
61 T	1,2-Dibromoethane	0.236	0.233	1.3	95	0.00
62 S	4-Bromofluorobenzene	0.425	0.355	16.5	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.309	0.315	-1.9	99	0.00
65 PM	Chlorobenzene	1.065	1.060	0.5	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.344	-1.2	97	0.00
67 C	Ethyl Benzene	1.844	1.849	-0.3#	96	0.00
68 T	m/p-Xylenes	0.710	0.709	0.1	95	0.00
69 T	o-Xylene	0.678	0.673	0.7	95	0.00
70 T	Styrene	1.153	1.160	-0.6	95	0.00
71 P	Bromoform	0.193	0.197	-2.1	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.663	3.628	1.0	97	0.00
74 T	N-amyl acetate	0.972	0.916	5.8	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.681	0.685	-0.6	99	0.00
76 T	1,2,3-Trichloropropane	0.408	0.385	5.6	93	0.00
77 T	Bromobenzene	0.848	0.840	0.9	97	0.00
78 T	n-propylbenzene	4.448	4.411	0.8	97	0.00
79 T	2-Chlorotoluene	2.535	2.469	2.6	96	0.00
80 T	1,3,5-Trimethylbenzene	2.977	2.953	0.8	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.269	0.255	5.2	94	0.00
82 T	4-Chlorotoluene	2.607	2.531	2.9	95	0.00
83 T	tert-Butylbenzene	2.583	2.594	-0.4	99	0.00
84 T	1,2,4-Trimethylbenzene	2.997	2.947	1.7	97	0.00
85 T	sec-Butylbenzene	3.855	3.868	-0.3	99	0.00
86 T	p-Isopropyltoluene	3.224	3.220	0.1	99	0.00
87 T	1,3-Dichlorobenzene	1.634	1.629	0.3	97	0.00
88 T	1,4-Dichlorobenzene	1.641	1.612	1.8	97	0.00
89 T	n-Butylbenzene	3.072	3.102	-1.0	99	0.00
90 T	Hexachloroethane	0.624	0.620	0.6	101	0.00
91 T	1,2-Dichlorobenzene	1.454	1.422	2.2	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.102	0.100	2.0	101	0.00
93 T	1,2,4-Trichlorobenzene	0.911	0.924	-1.4	101	0.00
94 T	Hexachlorobutadiene	0.414	0.440	-6.3	108	0.00
95 T	Naphthalene	1.938	1.947	-0.5	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.780	0.809	-3.7	103	0.00

(#) = Out of Range

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