

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062525\
 Data File : VY022836.D
 Acq On : 25 Jun 2025 19:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 26 01:30:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 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	85	0.00
2 T	Dichlorodifluoromethane	0.428	0.377	11.9	76	0.00
3 P	Chloromethane	0.816	0.743	8.9	80	0.00
4 C	Vinyl Chloride	1.020	0.989	3.0#	81	0.00
5 T	Bromomethane	0.802	0.772	3.7	85	0.00
6 T	Chloroethane	0.686	0.693	-1.0	85	-0.01
7 T	Trichlorofluoromethane	1.129	1.044	7.5	76	0.00
8 T	Diethyl Ether	0.279	0.276	1.1	82	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.516	0.477	7.6	79	0.00
10 T	Methyl Iodide	0.562	0.588	-4.6	80	0.00
11 T	Tert butyl alcohol	0.037	0.035	5.4	78	-0.03
12 CM	1,1-Dichloroethene	0.506	0.488	3.6#	81	-0.02
13 T	Acrolein	0.050	0.052	-4.0	90	-0.01
14 T	Allyl chloride	0.778	0.729	6.3	78	-0.01
15 T	Acrylonitrile	0.116	0.116	0.0	82	-0.01
16 T	Acetone	0.105	0.085	19.0	76	-0.01
17 T	Carbon Disulfide	1.635	1.579	3.4	81	-0.01
18 T	Methyl Acetate	0.349	0.340	2.6	83	-0.01
19 T	Methyl tert-butyl Ether	1.378	1.379	-0.1	82	-0.02
20 T	Methylene Chloride	0.666	0.610	8.4	88	-0.01
21 T	trans-1,2-Dichloroethene	0.578	0.568	1.7	82	-0.01
22 T	Diisopropyl ether	1.729	1.713	0.9	82	-0.01
23 T	Vinyl Acetate	0.955	0.930	2.6	79	-0.02
24 P	1,1-Dichloroethane	1.044	1.034	1.0	82	-0.01
25 T	2-Butanone	0.154	0.143	7.1	80	-0.01
26 T	2,2-Dichloropropane	0.875	0.695	20.6	67	-0.01
27 T	cis-1,2-Dichloroethene	0.672	0.675	-0.4	84	-0.01
28 T	Bromochloromethane	0.439	0.420	4.3	78	-0.01
29 T	Tetrahydrofuran	0.097	0.094	3.1	79	-0.01
30 C	Chloroform	1.076	1.073	0.3#	84	0.00
31 T	Cyclohexane	0.959	0.853	11.1	77	-0.01
32 T	1,1,1-Trichloroethane	0.929	0.904	2.7	81	0.00
33 S	1,2-Dichloroethane-d4	0.558	0.568	-1.8	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.304	0.300	1.3	86	0.00
36 T	1,1-Dichloropropene	0.461	0.430	6.7	80	0.00
37 T	Ethyl Acetate	0.199	0.188	5.5	80	-0.01
38 T	Carbon Tetrachloride	0.486	0.451	7.2	80	0.00
39 T	Methylcyclohexane	0.596	0.542	9.1	77	-0.01
40 TM	Benzene	1.417	1.376	2.9	82	0.00
41 T	Methacrylonitrile	0.122	0.109	10.7	80	-0.01
42 TM	1,2-Dichloroethane	0.388	0.382	1.5	84	0.00
43 T	Isopropyl Acetate	0.413	0.397	3.9	80	0.00
44 TM	Trichloroethene	0.356	0.351	1.4	82	0.00
45 C	1,2-Dichloropropane	0.332	0.320	3.6#	83	0.00
46 T	Dibromomethane	0.188	0.183	2.7	84	0.00
47 T	Bromodichloromethane	0.485	0.475	2.1	83	0.00
48 T	Methyl methacrylate	0.199	0.193	3.0	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	82	-0.02
50 S	Toluene-d8	1.207	1.206	0.1	87	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.208	1.0	81	0.00
52 CM	Toluene	0.894	0.887	0.8#	84	-0.01
53 T	t-1,3-Dichloropropene	0.437	0.409	6.4	79	0.00
54 T	cis-1,3-Dichloropropene	0.506	0.478	5.5	80	0.00
55 T	1,1,2-Trichloroethane	0.244	0.239	2.0	83	0.00
56 T	Ethyl methacrylate	0.328	0.328	0.0	81	-0.01
57 T	1,3-Dichloropropane	0.425	0.411	3.3	82	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.159	-9.7	82	0.00
59 T	2-Hexanone	0.143	0.138	3.5	80	0.00
60 T	Dibromochloromethane	0.315	0.311	1.3	83	0.00
61 T	1,2-Dibromoethane	0.228	0.225	1.3	83	0.00
62 S	4-Bromofluorobenzene	0.388	0.382	1.5	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	90	0.00
64 T	Tetrachloroethene	0.472	0.481	-1.9	84	0.00
65 PM	Chlorobenzene	1.099	1.055	4.0	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.372	0.361	3.0	84	0.00
67 C	Ethyl Benzene	1.930	1.876	2.8#	83	0.00
68 T	m/p-Xylenes	0.746	0.730	2.1	84	-0.01
69 T	o-Xylene	0.703	0.694	1.3	85	0.00
70 T	Styrene	1.178	1.174	0.3	84	0.00
71 P	Bromoform	0.207	0.199	3.9	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.698	3.529	4.6	82	0.00
74 T	N-amyl acetate	0.830	0.809	2.5	79	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.531	10.9	82	0.00
76 T	1,2,3-Trichloropropane	0.510	0.471	7.6	81	0.00
77 T	Bromobenzene	0.838	0.808	3.6	83	0.00
78 T	n-propylbenzene	4.465	4.233	5.2	82	0.00
79 T	2-Chlorotoluene	2.522	2.417	4.2	83	0.00
80 T	1,3,5-Trimethylbenzene	2.985	2.905	2.7	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.202	0.166	17.8	74	0.00
82 T	4-Chlorotoluene	2.650	2.547	3.9	83	0.00
83 T	tert-Butylbenzene	2.633	2.539	3.6	82	0.00
84 T	1,2,4-Trimethylbenzene	2.989	2.897	3.1	82	0.00
85 T	sec-Butylbenzene	3.961	3.808	3.9	82	0.00
86 T	p-Isopropyltoluene	3.296	3.148	4.5	81	0.00
87 T	1,3-Dichlorobenzene	1.683	1.606	4.6	83	-0.01
88 T	1,4-Dichlorobenzene	1.672	1.577	5.7	82	0.00
89 T	n-Butylbenzene	3.101	2.863	7.7	79	-0.01
90 T	Hexachloroethane	0.657	0.618	5.9	81	-0.01
91 T	1,2-Dichlorobenzene	1.483	1.398	5.7	82	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.093	7.9	79	0.00
93 T	1,2,4-Trichlorobenzene	0.838	0.733	12.5	77	0.00
94 T	Hexachlorobutadiene	0.474	0.405	14.6	77	0.00
95 T	Naphthalene	1.515	1.412	6.8	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.644	11.0	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6