

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030525\
 Data File : VY021406.D
 Acq On : 05 Mar 2025 11:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 06 02:53:15 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030425S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 05 12:42:45 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	108	0.00
2 T	Dichlorodifluoromethane	0.459	0.395	13.9	95	0.00
3 P	Chloromethane	0.647	0.602	7.0	105	0.00
4 C	Vinyl Chloride	0.707	0.693	2.0#	108	0.00
5 T	Bromomethane	0.511	0.454	11.2	105	-0.01
6 T	Chloroethane	0.467	0.460	1.5	108	0.00
7 T	Trichlorofluoromethane	0.987	0.928	6.0	104	-0.01
8 T	Diethyl Ether	0.273	0.260	4.8	99	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.488	13.3	98	-0.02
10 T	Methyl Iodide	0.573	0.568	0.9	97	0.00
11 T	Tert butyl alcohol	0.041	0.039	4.9	111	-0.02
12 CM	1,1-Dichloroethene	0.514	0.465	9.5#	99	-0.01
13 T	Acrolein	0.027	0.005	81.5#	118	-0.01
14 T	Allyl chloride	0.830	0.773	6.9	99	-0.02
15 T	Acrylonitrile	0.116	0.118	-1.7	102	-0.01
16 T	Acetone	0.115	0.107	7.0	86	0.00
17 T	Carbon Disulfide	1.610	1.471	8.6	97	-0.01
18 T	Methyl Acetate	0.256	0.275	-7.4	104	0.00
19 T	Methyl tert-butyl Ether	1.302	1.315	-1.0	104	-0.01
20 T	Methylene Chloride	0.605	0.523	13.6	102	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.527	8.3	101	-0.01
22 T	Diisopropyl ether	1.789	1.718	4.0	100	0.00
23 T	Vinyl Acetate	1.021	1.029	-0.8	100	-0.01
24 P	1,1-Dichloroethane	1.056	0.976	7.6	100	-0.01
25 T	2-Butanone	0.159	0.162	-1.9	97	0.00
26 T	2,2-Dichloropropane	0.971	0.864	11.0	99	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.616	5.7	102	0.00
28 T	Bromochloromethane	0.443	0.392	11.5	90	0.00
29 T	Tetrahydrofuran	0.098	0.106	-8.2	104	0.00
30 C	Chloroform	1.096	1.005	8.3#	100	0.00
31 T	Cyclohexane	0.990	0.822	17.0	94	0.00
32 T	1,1,1-Trichloroethane	1.004	0.905	9.9	100	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.563	-6.6	126	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	109	0.00
35 S	Dibromofluoromethane	0.329	0.348	-5.8	128	0.00
36 T	1,1-Dichloropropene	0.514	0.464	9.7	98	0.00
37 T	Ethyl Acetate	0.227	0.245	-7.9	108	0.00
38 T	Carbon Tetrachloride	0.592	0.529	10.6	98	0.00
39 T	Methylcyclohexane	0.631	0.545	13.6	91	0.00
40 TM	Benzene	1.515	1.400	7.6	99	0.00
41 T	Methacrylonitrile	0.124	0.124	0.0	104	0.00
42 TM	1,2-Dichloroethane	0.424	0.407	4.0	102	0.00
43 T	Isopropyl Acetate	0.441	0.453	-2.7	102	0.00
44 TM	Trichloroethene	0.383	0.353	7.8	101	0.00
45 C	1,2-Dichloropropane	0.361	0.339	6.1#	101	0.00
46 T	Dibromomethane	0.201	0.196	2.5	101	0.00
47 T	Bromodichloromethane	0.533	0.504	5.4	101	0.00
48 T	Methyl methacrylate	0.203	0.212	-4.4	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	107	0.00
50 S	Toluene-d8	1.244	1.298	-4.3	125	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.249	-9.2	103	0.00
52 CM	Toluene	0.955	0.888	7.0#	98	0.00
53 T	t-1,3-Dichloropropene	0.470	0.463	1.5	101	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.541	2.9	101	0.00
55 T	1,1,2-Trichloroethane	0.263	0.255	3.0	99	0.00
56 T	Ethyl methacrylate	0.335	0.363	-8.4	103	0.00
57 T	1,3-Dichloropropane	0.455	0.451	0.9	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.153	1.3	96	0.00
59 T	2-Hexanone	0.151	0.169	-11.9	101	0.00
60 T	Dibromochloromethane	0.360	0.353	1.9	102	0.00
61 T	1,2-Dibromoethane	0.248	0.244	1.6	102	0.00
62 S	4-Bromofluorobenzene	0.423	0.449	-6.1	127	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.407	0.367	9.8	100	0.00
65 PM	Chlorobenzene	1.181	1.084	8.2	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.383	8.2	100	0.00
67 C	Ethyl Benzene	2.072	1.909	7.9#	98	0.00
68 T	m/p-Xylenes	0.787	0.728	7.5	97	0.00
69 T	o-Xylene	0.725	0.686	5.4	99	0.00
70 T	Styrene	1.203	1.164	3.2	100	0.00
71 P	Bromoform	0.233	0.234	-0.4	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	111	0.00
73 T	Isopropylbenzene	3.939	3.479	11.7	95	0.00
74 T	N-amyl acetate	0.855	0.895	-4.7	104	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.670	3.6	102	0.00
76 T	1,2,3-Trichloropropane	0.504	0.490	2.8	110	0.00
77 T	Bromobenzene	0.921	0.842	8.6	101	0.00
78 T	n-propylbenzene	4.783	4.235	11.5	96	0.00
79 T	2-Chlorotoluene	2.735	2.439	10.8	98	0.00
80 T	1,3,5-Trimethylbenzene	3.201	2.842	11.2	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.220	0.9	102	0.00
82 T	4-Chlorotoluene	2.832	2.569	9.3	100	0.00
83 T	tert-Butylbenzene	2.855	2.512	12.0	95	0.00
84 T	1,2,4-Trimethylbenzene	3.178	2.886	9.2	98	0.00
85 T	sec-Butylbenzene	4.248	3.588	15.5	91	0.00
86 T	p-Isopropyltoluene	3.500	3.047	12.9	94	0.00
87 T	1,3-Dichlorobenzene	1.834	1.630	11.1	100	0.00
88 T	1,4-Dichlorobenzene	1.794	1.611	10.2	100	0.00
89 T	n-Butylbenzene	3.232	2.815	12.9	92	0.00
90 T	Hexachloroethane	0.747	0.631	15.5	96	0.00
91 T	1,2-Dichlorobenzene	1.572	1.457	7.3	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.104	0.0	107	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.825	4.0	100	0.00
94 T	Hexachlorobutadiene	0.538	0.468	13.0	94	0.00
95 T	Naphthalene	1.390	1.502	-8.1	105	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.707	2.1	101	0.00

(#) = Out of Range

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