

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040425\
 Data File : VY021776.D
 Acq On : 04 Apr 2025 09:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 04 23:38:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032725S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 28 02:30:29 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	96	0.00
2 T	Dichlorodifluoromethane	0.518	0.460	11.2	87	0.00
3 P	Chloromethane	0.729	0.638	12.5	88	0.00
4 C	Vinyl Chloride	0.824	0.724	12.1#	87	0.00
5 T	Bromomethane	0.562	0.483	14.1	90	0.00
6 T	Chloroethane	0.539	0.475	11.9	89	0.00
7 T	Trichlorofluoromethane	1.056	0.959	9.2	91	0.00
8 T	Diethyl Ether	0.287	0.252	12.2	88	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.515	7.5	92	0.00
10 T	Methyl Iodide	0.611	0.580	5.1	85	0.00
11 T	Tert butyl alcohol	0.035	0.028	20.0	79	0.00
12 CM	1,1-Dichloroethene	0.524	0.481	8.2#	90	0.00
13 T	Acrolein	0.064	0.028	56.3#	42#	0.00
14 T	Allyl chloride	0.836	0.763	8.7	87	0.00
15 T	Acrylonitrile	0.120	0.106	11.7	84	0.00
16 T	Acetone	0.111	0.091	18.0	82	0.00
17 T	Carbon Disulfide	1.727	1.549	10.3	88	0.00
18 T	Methyl Acetate	0.275	0.259	5.8	94	0.00
19 T	Methyl tert-butyl Ether	1.306	1.203	7.9	87	0.00
20 T	Methylene Chloride	0.626	0.518	17.3	88	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.534	7.5	90	0.00
22 T	Diisopropyl ether	1.754	1.681	4.2	90	0.00
23 T	Vinyl Acetate	1.026	0.938	8.6	85	0.00
24 P	1,1-Dichloroethane	1.049	0.975	7.1	90	0.00
25 T	2-Butanone	0.158	0.136	13.9	82	0.00
26 T	2,2-Dichloropropane	0.933	0.874	6.3	91	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.609	6.2	90	0.00
28 T	Bromochloromethane	0.442	0.432	2.3	97	0.00
29 T	Tetrahydrofuran	0.102	0.090	11.8	82	0.00
30 C	Chloroform	1.091	1.012	7.2#	90	0.00
31 T	Cyclohexane	0.956	0.858	10.3	90	0.00
32 T	1,1,1-Trichloroethane	0.986	0.918	6.9	91	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.533	1.7	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.324	0.337	-4.0	92	0.00
36 T	1,1-Dichloropropene	0.494	0.495	-0.2	91	0.00
37 T	Ethyl Acetate	0.233	0.209	10.3	82	0.00
38 T	Carbon Tetrachloride	0.566	0.560	1.1	92	0.00
39 T	Methylcyclohexane	0.590	0.596	-1.0	89	0.00
40 TM	Benzene	1.479	1.458	1.4	90	0.00
41 T	Methacrylonitrile	0.124	0.108	12.9	73	-0.01
42 TM	1,2-Dichloroethane	0.417	0.401	3.8	88	0.00
43 T	Isopropyl Acetate	0.442	0.410	7.2	84	0.00
44 TM	Trichloroethene	0.377	0.375	0.5	93	0.00
45 C	1,2-Dichloropropane	0.350	0.345	1.4#	91	0.00
46 T	Dibromomethane	0.202	0.194	4.0	91	0.00
47 T	Bromodichloromethane	0.523	0.513	1.9	91	0.00
48 T	Methyl methacrylate	0.203	0.197	3.0	87	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	0.00
50 S	Toluene-d8	1.234	1.303	-5.6	92	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.222	3.5	85	0.00
52 CM	Toluene	0.923	0.937	-1.5#	91	0.00
53 T	t-1,3-Dichloropropene	0.465	0.457	1.7	87	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.537	2.0	88	0.00
55 T	1,1,2-Trichloroethane	0.260	0.253	2.7	90	0.00
56 T	Ethyl methacrylate	0.332	0.340	-2.4	86	0.00
57 T	1,3-Dichloropropane	0.449	0.443	1.3	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.171	-5.6	88	0.00
59 T	2-Hexanone	0.153	0.149	2.6	85	0.00
60 T	Dibromochloromethane	0.355	0.359	-1.1	91	0.00
61 T	1,2-Dibromoethane	0.244	0.241	1.2	88	0.00
62 S	4-Bromofluorobenzene	0.417	0.442	-6.0	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.455	0.452	0.7	94	0.00
65 PM	Chlorobenzene	1.146	1.113	2.9	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.402	1.2	92	0.00
67 C	Ethyl Benzene	1.965	1.994	-1.5#	91	0.00
68 T	m/p-Xylenes	0.753	0.761	-1.1	91	0.00
69 T	o-Xylene	0.695	0.704	-1.3	89	0.00
70 T	Styrene	1.158	1.203	-3.9	91	0.00
71 P	Bromoform	0.232	0.228	1.7	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.714	3.651	1.7	91	0.00
74 T	N-amyl acetate	0.872	0.805	7.7	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.591	11.5	86	0.00
76 T	1,2,3-Trichloropropane	0.496	0.480	3.2	92	0.00
77 T	Bromobenzene	0.892	0.846	5.2	91	0.00
78 T	n-propylbenzene	4.465	4.445	0.4	92	0.00
79 T	2-Chlorotoluene	2.593	2.517	2.9	91	0.00
80 T	1,3,5-Trimethylbenzene	3.035	2.999	1.2	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.191	11.2	82	0.00
82 T	4-Chlorotoluene	2.704	2.623	3.0	91	0.00
83 T	tert-Butylbenzene	2.703	2.636	2.5	90	0.00
84 T	1,2,4-Trimethylbenzene	3.000	3.001	-0.0	91	0.00
85 T	sec-Butylbenzene	3.951	3.921	0.8	91	0.00
86 T	p-Isopropyltoluene	3.265	3.296	-0.9	92	0.00
87 T	1,3-Dichlorobenzene	1.757	1.684	4.2	92	0.00
88 T	1,4-Dichlorobenzene	1.736	1.654	4.7	91	0.00
89 T	n-Butylbenzene	3.020	3.041	-0.7	91	0.00
90 T	Hexachloroethane	0.716	0.687	4.1	93	0.00
91 T	1,2-Dichlorobenzene	1.529	1.479	3.3	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.093	9.7	87	0.00
93 T	1,2,4-Trichlorobenzene	0.829	0.819	1.2	89	0.00
94 T	Hexachlorobutadiene	0.518	0.505	2.5	92	0.00
95 T	Naphthalene	1.375	1.341	2.5	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.703	0.6	90	0.00

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