

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041425\
 Data File : VY021880.D
 Acq On : 14 Apr 2025 19:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 15 01:53:25 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	99	0.00
2 T	Dichlorodifluoromethane	0.518	0.450	13.1	88	0.00
3 P	Chloromethane	0.729	0.639	12.3	91	0.00
4 C	Vinyl Chloride	0.824	0.724	12.1#	89	0.00
5 T	Bromomethane	0.562	0.549	2.3	105	0.00
6 T	Chloroethane	0.539	0.498	7.6	96	0.00
7 T	Trichlorofluoromethane	1.056	0.968	8.3	94	0.00
8 T	Diethyl Ether	0.287	0.288	-0.3	103	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.515	7.5	95	0.00
10 T	Methyl Iodide	0.611	0.688	-12.6	103	0.00
11 T	Tert butyl alcohol	0.035	0.035	0.0	102	0.04
12 CM	1,1-Dichloroethene	0.524	0.500	4.6#	96	0.00
13 T	Acrolein	0.064	0.015	76.6#	23#	0.01
14 T	Allyl chloride	0.836	0.796	4.8	94	0.00
15 T	Acrylonitrile	0.120	0.126	-5.0	102	0.00
16 T	Acetone	0.111	0.089	19.8	81	0.01
17 T	Carbon Disulfide	1.727	1.517	12.2	88	0.00
18 T	Methyl Acetate	0.275	0.405	-47.3#	150#	0.00
19 T	Methyl tert-butyl Ether	1.306	1.389	-6.4	103	0.00
20 T	Methylene Chloride	0.626	0.590	5.8	103	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.573	0.7	100	0.00
22 T	Diisopropyl ether	1.754	1.786	-1.8	98	0.00
23 T	Vinyl Acetate	1.026	0.974	5.1	90	0.00
24 P	1,1-Dichloroethane	1.049	1.047	0.2	99	0.00
25 T	2-Butanone	0.158	0.156	1.3	96	0.00
26 T	2,2-Dichloropropane	0.933	0.864	7.4	93	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.662	-2.0	100	0.00
28 T	Bromochloromethane	0.442	0.451	-2.0	104	0.00
29 T	Tetrahydrofuran	0.102	0.105	-2.9	99	0.00
30 C	Chloroform	1.091	1.105	-1.3#	101	0.00
31 T	Cyclohexane	0.956	0.842	11.9	90	0.00
32 T	1,1,1-Trichloroethane	0.986	0.966	2.0	98	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.563	-3.9	101	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	101	0.00
35 S	Dibromofluoromethane	0.324	0.344	-6.2	103	0.00
36 T	1,1-Dichloropropene	0.494	0.467	5.5	94	0.00
37 T	Ethyl Acetate	0.233	0.222	4.7	95	0.00
38 T	Carbon Tetrachloride	0.566	0.548	3.2	98	0.00
39 T	Methylcyclohexane	0.590	0.563	4.6	92	0.00
40 TM	Benzene	1.479	1.472	0.5	99	0.00
41 T	Methacrylonitrile	0.124	0.127	-2.4	94	-0.01
42 TM	1,2-Dichloroethane	0.417	0.415	0.5	100	0.00
43 T	Isopropyl Acetate	0.442	0.450	-1.8	101	0.00
44 TM	Trichloroethene	0.377	0.389	-3.2	105	0.00
45 C	1,2-Dichloropropane	0.350	0.356	-1.7#	102	0.00
46 T	Dibromomethane	0.202	0.210	-4.0	107	0.00
47 T	Bromodichloromethane	0.523	0.529	-1.1	102	0.00
48 T	Methyl methacrylate	0.203	0.213	-4.9	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	103	0.02
50 S	Toluene-d8	1.234	1.304	-5.7	101	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.249	-8.3	105	0.00
52 CM	Toluene	0.923	0.940	-1.8#	100	0.00
53 T	t-1,3-Dichloropropene	0.465	0.472	-1.5	98	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.542	1.1	97	0.00
55 T	1,1,2-Trichloroethane	0.260	0.273	-5.0	106	0.00
56 T	Ethyl methacrylate	0.332	0.380	-14.5	105	0.00
57 T	1,3-Dichloropropane	0.449	0.467	-4.0	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.194	-19.8	109	0.00
59 T	2-Hexanone	0.153	0.167	-9.2	103	0.00
60 T	Dibromochloromethane	0.355	0.376	-5.9	104	0.00
61 T	1,2-Dibromoethane	0.244	0.258	-5.7	103	0.00
62 S	4-Bromofluorobenzene	0.417	0.464	-11.3	107	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	102	0.00
64 T	Tetrachloroethene	0.455	0.473	-4.0	108	0.00
65 PM	Chlorobenzene	1.146	1.153	-0.6	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.417	-2.5	104	0.00
67 C	Ethyl Benzene	1.965	1.980	-0.8#	99	0.00
68 T	m/p-Xylenes	0.753	0.762	-1.2	99	0.00
69 T	o-Xylene	0.695	0.719	-3.5	100	0.00
70 T	Styrene	1.158	1.223	-5.6	102	0.00
71 P	Bromoform	0.232	0.251	-8.2	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	106	0.00
73 T	Isopropylbenzene	3.714	3.595	3.2	100	0.00
74 T	N-amyl acetate	0.872	0.852	2.3	99	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.643	3.7	104	0.00
76 T	1,2,3-Trichloropropane	0.496	0.495	0.2	106	0.00
77 T	Bromobenzene	0.892	0.874	2.0	104	0.00
78 T	n-propylbenzene	4.465	4.274	4.3	98	0.00
79 T	2-Chlorotoluene	2.593	2.482	4.3	100	0.00
80 T	1,3,5-Trimethylbenzene	3.035	2.968	2.2	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.199	7.4	96	0.00
82 T	4-Chlorotoluene	2.704	2.568	5.0	99	0.00
83 T	tert-Butylbenzene	2.703	2.634	2.6	100	0.00
84 T	1,2,4-Trimethylbenzene	3.000	2.969	1.0	101	0.00
85 T	sec-Butylbenzene	3.951	3.813	3.5	99	0.00
86 T	p-Isopropyltoluene	3.265	3.208	1.7	99	0.00
87 T	1,3-Dichlorobenzene	1.757	1.711	2.6	104	0.00
88 T	1,4-Dichlorobenzene	1.736	1.687	2.8	103	0.00
89 T	n-Butylbenzene	3.020	2.898	4.0	97	0.00
90 T	Hexachloroethane	0.716	0.682	4.7	103	0.00
91 T	1,2-Dichlorobenzene	1.529	1.526	0.2	106	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.110	-6.8	115	0.00
93 T	1,2,4-Trichlorobenzene	0.829	0.909	-9.7	110	0.00
94 T	Hexachlorobutadiene	0.518	0.526	-1.5	107	0.00
95 T	Naphthalene	1.375	1.722	-25.2#	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.808	-14.3	115	0.00

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