

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040325\
 Data File : VY021764.D
 Acq On : 03 Apr 2025 11:01
 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 01:29:36 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	87	0.00
2 T	Dichlorodifluoromethane	0.518	0.498	3.9	86	0.00
3 P	Chloromethane	0.729	0.714	2.1	90	0.00
4 C	Vinyl Chloride	0.824	0.799	3.0#	87	0.00
5 T	Bromomethane	0.562	0.541	3.7	92	0.00
6 T	Chloroethane	0.539	0.544	-0.9	93	0.00
7 T	Trichlorofluoromethane	1.056	1.053	0.3	91	0.00
8 T	Diethyl Ether	0.287	0.280	2.4	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.569	-2.2	93	0.00
10 T	Methyl Iodide	0.611	0.677	-10.8	90	0.00
11 T	Tert butyl alcohol	0.035	0.030	14.3	76	0.00
12 CM	1,1-Dichloroethene	0.524	0.529	-1.0#	90	0.00
13 T	Acrolein	0.064	0.030	53.1#	41#	0.00
14 T	Allyl chloride	0.836	0.865	-3.5	90	0.00
15 T	Acrylonitrile	0.120	0.116	3.3	84	0.00
16 T	Acetone	0.111	0.088	20.7	72	0.00
17 T	Carbon Disulfide	1.727	1.759	-1.9	91	0.00
18 T	Methyl Acetate	0.275	0.335	-21.8	110	0.00
19 T	Methyl tert-butyl Ether	1.306	1.330	-1.8	88	0.00
20 T	Methylene Chloride	0.626	0.600	4.2	93	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.606	-5.0	93	0.00
22 T	Diisopropyl ether	1.754	1.910	-8.9	93	0.00
23 T	Vinyl Acetate	1.026	1.023	0.3	84	0.00
24 P	1,1-Dichloroethane	1.049	1.106	-5.4	93	0.00
25 T	2-Butanone	0.158	0.144	8.9	79	0.00
26 T	2,2-Dichloropropane	0.933	0.968	-3.8	92	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.688	-6.0	92	0.00
28 T	Bromochloromethane	0.442	0.459	-3.8	94	0.00
29 T	Tetrahydrofuran	0.102	0.099	2.9	82	0.00
30 C	Chloroform	1.091	1.146	-5.0#	93	0.00
31 T	Cyclohexane	0.956	0.946	1.0	90	0.00
32 T	1,1,1-Trichloroethane	0.986	1.032	-4.7	93	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.557	-2.8	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.324	0.357	-10.2	91	0.00
36 T	1,1-Dichloropropene	0.494	0.532	-7.7	91	0.00
37 T	Ethyl Acetate	0.233	0.224	3.9	82	0.00
38 T	Carbon Tetrachloride	0.566	0.613	-8.3	94	0.00
39 T	Methylcyclohexane	0.590	0.641	-8.6	89	0.00
40 TM	Benzene	1.479	1.632	-10.3	94	0.00
41 T	Methacrylonitrile	0.124	0.118	4.8	74	-0.01
42 TM	1,2-Dichloroethane	0.417	0.445	-6.7	91	0.00
43 T	Isopropyl Acetate	0.442	0.435	1.6	83	0.00
44 TM	Trichloroethene	0.377	0.412	-9.3	95	0.00
45 C	1,2-Dichloropropane	0.350	0.386	-10.3#	94	0.00
46 T	Dibromomethane	0.202	0.218	-7.9	95	0.00
47 T	Bromodichloromethane	0.523	0.578	-10.5	95	0.00
48 T	Methyl methacrylate	0.203	0.209	-3.0	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	85	0.00
50 S	Toluene-d8	1.234	1.363	-10.5	90	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.238	-3.5	85	0.00
52 CM	Toluene	0.923	1.047	-13.4#	95	0.00
53 T	t-1,3-Dichloropropene	0.465	0.505	-8.6	90	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.600	-9.5	92	0.00
55 T	1,1,2-Trichloroethane	0.260	0.279	-7.3	92	0.00
56 T	Ethyl methacrylate	0.332	0.358	-7.8	84	0.00
57 T	1,3-Dichloropropane	0.449	0.493	-9.8	92	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.173	-6.8	83	0.00
59 T	2-Hexanone	0.153	0.156	-2.0	83	0.00
60 T	Dibromochloromethane	0.355	0.387	-9.0	92	0.00
61 T	1,2-Dibromoethane	0.244	0.263	-7.8	89	0.00
62 S	4-Bromofluorobenzene	0.417	0.467	-12.0	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.455	0.504	-10.8	99	0.00
65 PM	Chlorobenzene	1.146	1.229	-7.2	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.441	-8.4	94	0.00
67 C	Ethyl Benzene	1.965	2.183	-11.1#	94	0.00
68 T	m/p-Xylenes	0.753	0.842	-11.8	94	0.00
69 T	o-Xylene	0.695	0.781	-12.4	93	0.00
70 T	Styrene	1.158	1.326	-14.5	95	0.00
71 P	Bromoform	0.232	0.247	-6.5	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.714	3.992	-7.5	93	0.00
74 T	N-amyl acetate	0.872	0.850	2.5	82	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.642	3.9	87	0.00
76 T	1,2,3-Trichloropropane	0.496	0.505	-1.8	90	0.00
77 T	Bromobenzene	0.892	0.944	-5.8	94	0.00
78 T	n-propylbenzene	4.465	4.903	-9.8	94	0.00
79 T	2-Chlorotoluene	2.593	2.761	-6.5	93	0.00
80 T	1,3,5-Trimethylbenzene	3.035	3.339	-10.0	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.214	0.5	86	0.00
82 T	4-Chlorotoluene	2.704	2.891	-6.9	93	0.00
83 T	tert-Butylbenzene	2.703	2.908	-7.6	93	0.00
84 T	1,2,4-Trimethylbenzene	3.000	3.300	-10.0	94	0.00
85 T	sec-Butylbenzene	3.951	4.290	-8.6	93	0.00
86 T	p-Isopropyltoluene	3.265	3.603	-10.4	93	0.00
87 T	1,3-Dichlorobenzene	1.757	1.854	-5.5	94	0.00
88 T	1,4-Dichlorobenzene	1.736	1.809	-4.2	92	0.00
89 T	n-Butylbenzene	3.020	3.289	-8.9	92	0.00
90 T	Hexachloroethane	0.716	0.742	-3.6	93	0.00
91 T	1,2-Dichlorobenzene	1.529	1.617	-5.8	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.101	1.9	88	0.00
93 T	1,2,4-Trichlorobenzene	0.829	0.889	-7.2	90	0.00
94 T	Hexachlorobutadiene	0.518	0.523	-1.0	89	0.00
95 T	Naphthalene	1.375	1.442	-4.9	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.753	-6.5	90	0.00

(#) = Out of Range

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