

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021725\
 Data File : VY021213.D
 Acq On : 17 Feb 2025 10:06
 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: Feb 18 00:43:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020325S.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 03 13:08:38 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	72	0.00
2 T	Dichlorodifluoromethane	0.446	0.465	-4.3	75	0.00
3 P	Chloromethane	0.440	0.479	-8.9	82	0.00
4 C	Vinyl Chloride	0.443	0.491	-10.8#	83	0.00
5 T	Bromomethane	0.274	0.290	-5.8	81	0.00
6 T	Chloroethane	0.263	0.291	-10.6	82	0.01
7 T	Trichlorofluoromethane	0.806	0.852	-5.7	77	0.00
8 T	Diethyl Ether	0.252	0.250	0.8	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.506	0.530	-4.7	77	0.01
10 T	Methyl Iodide	0.562	0.594	-5.7	73	0.00
11 T	Tert butyl alcohol	0.035	0.030	14.3	68	0.01
12 CM	1,1-Dichloroethene	0.477	0.492	-3.1#	75	0.00
13 T	Acrolein	0.053	0.026	50.9#	36#	0.01
14 T	Allyl chloride	0.803	0.875	-9.0	78	0.01
15 T	Acrylonitrile	0.105	0.113	-7.6	76	0.01
16 T	Acetone	0.080	0.098	-22.5	90	0.00
17 T	Carbon Disulfide	1.495	1.442	3.5	70	0.00
18 T	Methyl Acetate	0.280	0.314	-12.1	78	0.00
19 T	Methyl tert-butyl Ether	1.205	1.293	-7.3	76	0.01
20 T	Methylene Chloride	0.497	0.526	-5.8	78	0.01
21 T	trans-1,2-Dichloroethene	0.525	0.546	-4.0	75	0.01
22 T	Diisopropyl ether	1.656	1.856	-12.1	80	0.00
23 T	Vinyl Acetate	0.923	1.022	-10.7	77	0.00
24 P	1,1-Dichloroethane	0.970	1.049	-8.1	79	0.00
25 T	2-Butanone	0.131	0.145	-10.7	77	0.00
26 T	2,2-Dichloropropane	0.898	0.994	-10.7	82	0.01
27 T	cis-1,2-Dichloroethene	0.604	0.647	-7.1	77	0.00
28 T	Bromochloromethane	0.384	0.423	-10.2	73	0.00
29 T	Tetrahydrofuran	0.089	0.097	-9.0	76	0.01
30 C	Chloroform	0.997	1.102	-10.5#	80	0.00
31 T	Cyclohexane	0.874	0.883	-1.0	77	0.00
32 T	1,1,1-Trichloroethane	0.927	1.027	-10.8	81	0.00
33 S	1,2-Dichloroethane-d4	0.512	0.517	-1.0	74	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	71	0.00
35 S	Dibromofluoromethane	0.320	0.323	-0.9	73	0.00
36 T	1,1-Dichloropropene	0.475	0.521	-9.7	79	0.00
37 T	Ethyl Acetate	0.208	0.224	-7.7	75	0.01
38 T	Carbon Tetrachloride	0.555	0.618	-11.4	80	0.00
39 T	Methylcyclohexane	0.581	0.629	-8.3	76	0.00
40 TM	Benzene	1.393	1.539	-10.5	79	0.00
41 T	Methacrylonitrile	0.120	0.117	2.5	74	0.00
42 TM	1,2-Dichloroethane	0.386	0.429	-11.1	80	0.00
43 T	Isopropyl Acetate	0.414	0.458	-10.6	77	0.00
44 TM	Trichloroethene	0.360	0.383	-6.4	77	0.00
45 C	1,2-Dichloropropane	0.331	0.368	-11.2#	80	0.00
46 T	Dibromomethane	0.183	0.199	-8.7	78	0.00
47 T	Bromodichloromethane	0.491	0.543	-10.6	79	0.00
48 T	Methyl methacrylate	0.188	0.220	-17.0	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	71	0.01
50 S	Toluene-d8	1.220	1.243	-1.9	73	0.00
51 T	4-Methyl-2-Pentanone	0.208	0.229	-10.1	75	0.00
52 CM	Toluene	0.875	0.975	-11.4#	79	0.00
53 T	t-1,3-Dichloropropene	0.441	0.495	-12.2	78	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.586	-12.3	79	0.00
55 T	1,1,2-Trichloroethane	0.237	0.260	-9.7	78	0.00
56 T	Ethyl methacrylate	0.317	0.353	-11.4	74	0.00
57 T	1,3-Dichloropropane	0.410	0.457	-11.5	78	0.00
58 T	2-Chloroethyl Vinyl ether	0.151	0.165	-9.3	74	0.00
59 T	2-Hexanone	0.134	0.154	-14.9	75	0.00
60 T	Dibromochloromethane	0.333	0.366	-9.9	79	0.00
61 T	1,2-Dibromoethane	0.222	0.235	-5.9	74	0.00
62 S	4-Bromofluorobenzene	0.399	0.420	-5.3	74	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	70	0.00
64 T	Tetrachloroethene	0.371	0.397	-7.0	77	0.00
65 PM	Chlorobenzene	1.113	1.203	-8.1	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.396	0.434	-9.6	80	0.00
67 C	Ethyl Benzene	1.969	2.204	-11.9#	80	0.00
68 T	m/p-Xylenes	0.737	0.814	-10.4	78	0.00
69 T	o-Xylene	0.687	0.773	-12.5	80	0.00
70 T	Styrene	1.145	1.306	-14.1	79	0.00
71 P	Bromoform	0.220	0.237	-7.7	77	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
73 T	Isopropylbenzene	3.906	4.355	-11.5	81	0.00
74 T	N-amyl acetate	0.854	0.928	-8.7	74	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.688	-5.8	77	0.00
76 T	1,2,3-Trichloropropane	0.454	0.456	-0.4	70	0.00
77 T	Bromobenzene	0.901	0.953	-5.8	78	0.00
78 T	n-propylbenzene	4.653	5.238	-12.6	81	0.00
79 T	2-Chlorotoluene	2.665	2.919	-9.5	80	0.00
80 T	1,3,5-Trimethylbenzene	3.167	3.561	-12.4	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.242	-9.0	77	0.00
82 T	4-Chlorotoluene	2.715	2.976	-9.6	80	0.00
83 T	tert-Butylbenzene	2.878	3.179	-10.5	78	0.00
84 T	1,2,4-Trimethylbenzene	3.096	3.507	-13.3	81	0.00
85 T	sec-Butylbenzene	4.143	4.666	-12.6	81	0.00
86 T	p-Isopropyltoluene	3.442	3.908	-13.5	80	0.00
87 T	1,3-Dichlorobenzene	1.740	1.879	-8.0	79	0.00
88 T	1,4-Dichlorobenzene	1.714	1.807	-5.4	76	0.00
89 T	n-Butylbenzene	3.140	3.624	-15.4	81	0.00
90 T	Hexachloroethane	0.718	0.797	-11.0	81	0.00
91 T	1,2-Dichlorobenzene	1.510	1.629	-7.9	79	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.101	-4.1	73	0.00
93 T	1,2,4-Trichlorobenzene	0.841	0.932	-10.8	75	0.00
94 T	Hexachlorobutadiene	0.557	0.624	-12.0	79	0.00
95 T	Naphthalene	1.345	1.494	-11.1	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.769	-9.9	74	0.00

(#) = Out of Range

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