

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032625\
 Data File : VY021643.D
 Acq On : 26 Mar 2025 12:56
 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 27 01:31:00 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	83	0.00
2 T	Dichlorodifluoromethane	0.459	0.398	13.3	74	0.00
3 P	Chloromethane	0.647	0.609	5.9	82	0.00
4 C	Vinyl Chloride	0.707	0.716	-1.3#	86	0.00
5 T	Bromomethane	0.511	0.509	0.4	91	-0.01
6 T	Chloroethane	0.467	0.521	-11.6	94	0.00
7 T	Trichlorofluoromethane	0.987	1.007	-2.0	87	-0.01
8 T	Diethyl Ether	0.273	0.275	-0.7	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.552	2.0	85	-0.02
10 T	Methyl Iodide	0.573	0.628	-9.6	83	0.00
11 T	Tert butyl alcohol	0.041	0.032	22.0	71	-0.02
12 CM	1,1-Dichloroethene	0.514	0.512	0.4#	84	-0.01
13 T	Acrolein	0.027	0.003	88.9#	61	-0.02
14 T	Allyl chloride	0.830	0.865	-4.2	85	-0.01
15 T	Acrylonitrile	0.116	0.119	-2.6	79	-0.01
16 T	Acetone	0.115	0.130	-13.0	81	0.00
17 T	Carbon Disulfide	1.610	1.391	13.6	71	-0.01
18 T	Methyl Acetate	0.256	0.348	-35.9#	102	0.00
19 T	Methyl tert-butyl Ether	1.302	1.360	-4.5	83	-0.01
20 T	Methylene Chloride	0.605	0.595	1.7	90	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.582	-1.2	86	-0.02
22 T	Diisopropyl ether	1.789	1.916	-7.1	86	0.00
23 T	Vinyl Acetate	1.021	1.018	0.3	76	-0.01
24 P	1,1-Dichloroethane	1.056	1.126	-6.6	89	-0.02
25 T	2-Butanone	0.159	0.166	-4.4	77	0.00
26 T	2,2-Dichloropropane	0.971	1.008	-3.8	89	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.697	-6.7	89	0.00
28 T	Bromochloromethane	0.443	0.471	-6.3	84	0.00
29 T	Tetrahydrofuran	0.098	0.098	0.0	73	0.00
30 C	Chloroform	1.096	1.180	-7.7#	90	0.00
31 T	Cyclohexane	0.990	0.867	12.4	77	0.00
32 T	1,1,1-Trichloroethane	1.004	1.033	-2.9	88	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.491	7.0	85	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.329	0.319	3.0	91	0.00
36 T	1,1-Dichloropropene	0.514	0.514	0.0	84	0.00
37 T	Ethyl Acetate	0.227	0.217	4.4	74	0.00
38 T	Carbon Tetrachloride	0.592	0.600	-1.4	87	0.00
39 T	Methylcyclohexane	0.631	0.593	6.0	77	0.00
40 TM	Benzene	1.515	1.566	-3.4	86	0.00
41 T	Methacrylonitrile	0.124	0.124	0.0	80	0.00
42 TM	1,2-Dichloroethane	0.424	0.435	-2.6	84	0.00
43 T	Isopropyl Acetate	0.441	0.432	2.0	76	0.00
44 TM	Trichloroethene	0.383	0.398	-3.9	88	0.00
45 C	1,2-Dichloropropane	0.361	0.387	-7.2#	89	0.00
46 T	Dibromomethane	0.201	0.208	-3.5	83	0.00
47 T	Bromodichloromethane	0.533	0.577	-8.3	89	0.00
48 T	Methyl methacrylate	0.203	0.202	0.5	75	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	83	0.00
50 S	Toluene-d8	1.244	1.185	4.7	88	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.233	-2.2	75	0.00
52 CM	Toluene	0.955	1.007	-5.4#	86	0.00
53 T	t-1,3-Dichloropropene	0.470	0.505	-7.4	86	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.595	-6.8	86	0.00
55 T	1,1,2-Trichloroethane	0.263	0.279	-6.1	83	0.00
56 T	Ethyl methacrylate	0.335	0.362	-8.1	80	0.00
57 T	1,3-Dichloropropane	0.455	0.477	-4.8	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.162	-4.5	79	0.00
59 T	2-Hexanone	0.151	0.163	-7.9	76	0.00
60 T	Dibromochloromethane	0.360	0.385	-6.9	87	0.00
61 T	1,2-Dibromoethane	0.248	0.255	-2.8	83	0.00
62 S	4-Bromofluorobenzene	0.423	0.405	4.3	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.407	0.463	-13.8	96	0.00
65 PM	Chlorobenzene	1.181	1.248	-5.7	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.446	-7.0	89	0.00
67 C	Ethyl Benzene	2.072	2.204	-6.4#	86	0.00
68 T	m/p-Xylenes	0.787	0.839	-6.6	85	0.00
69 T	o-Xylene	0.725	0.789	-8.8	87	0.00
70 T	Styrene	1.203	1.335	-11.0	88	0.00
71 P	Bromoform	0.233	0.251	-7.7	84	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.939	4.110	-4.3	86	0.00
74 T	N-amyl acetate	0.855	0.856	-0.1	76	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.681	2.0	79	0.00
76 T	1,2,3-Trichloropropane	0.504	0.495	1.8	85	0.00
77 T	Bromobenzene	0.921	0.947	-2.8	87	0.00
78 T	n-propylbenzene	4.783	5.029	-5.1	87	0.00
79 T	2-Chlorotoluene	2.735	2.865	-4.8	89	0.00
80 T	1,3,5-Trimethylbenzene	3.201	3.385	-5.7	88	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.215	3.2	77	0.00
82 T	4-Chlorotoluene	2.832	2.978	-5.2	89	0.00
83 T	tert-Butylbenzene	2.855	3.048	-6.8	88	0.00
84 T	1,2,4-Trimethylbenzene	3.178	3.399	-7.0	88	0.00
85 T	sec-Butylbenzene	4.248	4.512	-6.2	88	0.00
86 T	p-Isopropyltoluene	3.500	3.739	-6.8	88	0.00
87 T	1,3-Dichlorobenzene	1.834	1.924	-4.9	90	0.00
88 T	1,4-Dichlorobenzene	1.794	1.853	-3.3	88	0.00
89 T	n-Butylbenzene	3.232	3.500	-8.3	88	0.00
90 T	Hexachloroethane	0.747	0.776	-3.9	90	0.00
91 T	1,2-Dichlorobenzene	1.572	1.661	-5.7	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.099	4.8	78	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.927	-7.9	87	0.00
94 T	Hexachlorobutadiene	0.538	0.591	-9.9	91	0.00
95 T	Naphthalene	1.390	1.481	-6.5	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.774	-7.2	85	0.00

(#) = Out of Range

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