

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032425\
 Data File : VY021626.D
 Acq On : 24 Mar 2025 18:21
 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: Mar 25 01:32:46 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	70	0.00
2 T	Dichlorodifluoromethane	0.459	0.343	25.3#	53	0.00
3 P	Chloromethane	0.647	0.571	11.7	64	0.00
4 C	Vinyl Chloride	0.707	0.643	9.1#	65	0.00
5 T	Bromomethane	0.511	0.470	8.0	70	-0.01
6 T	Chloroethane	0.467	0.473	-1.3	71	0.00
7 T	Trichlorofluoromethane	0.987	0.908	8.0	65	-0.01
8 T	Diethyl Ether	0.273	0.294	-7.7	72	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.504	10.5	65	-0.02
10 T	Methyl Iodide	0.573	0.605	-5.6	66	0.00
11 T	Tert butyl alcohol	0.041	0.037	9.8	67	0.00
12 CM	1,1-Dichloroethene	0.514	0.464	9.7#	64	-0.01
13 T	Acrolein	0.027	0.003	88.9#	51	-0.02
14 T	Allyl chloride	0.830	0.832	-0.2	69	-0.01
15 T	Acrylonitrile	0.116	0.137	-18.1	76	-0.01
16 T	Acetone	0.115	0.102	11.3	53	0.00
17 T	Carbon Disulfide	1.610	1.314	18.4	56	-0.01
18 T	Methyl Acetate	0.256	0.419	-63.7#	102	0.00
19 T	Methyl tert-butyl Ether	1.302	1.490	-14.4	76	0.00
20 T	Methylene Chloride	0.605	0.649	-7.3	82	-0.01
21 T	trans-1,2-Dichloroethene	0.575	0.561	2.4	69	-0.02
22 T	Diisopropyl ether	1.789	2.061	-15.2	77	0.00
23 T	Vinyl Acetate	1.021	1.087	-6.5	68	-0.01
24 P	1,1-Dichloroethane	1.056	1.121	-6.2	74	-0.01
25 T	2-Butanone	0.159	0.171	-7.5	66	0.00
26 T	2,2-Dichloropropane	0.971	0.854	12.0	63	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.696	-6.6	74	0.00
28 T	Bromochloromethane	0.443	0.508	-14.7	76	0.00
29 T	Tetrahydrofuran	0.098	0.116	-18.4	73	-0.01
30 C	Chloroform	1.096	1.210	-10.4#	77	0.00
31 T	Cyclohexane	0.990	0.793	19.9	59	0.00
32 T	1,1,1-Trichloroethane	1.004	0.989	1.5	70	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.554	-4.9	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35 S	Dibromofluoromethane	0.329	0.328	0.3	83	0.00
36 T	1,1-Dichloropropene	0.514	0.451	12.3	65	0.00
37 T	Ethyl Acetate	0.227	0.242	-6.6	73	0.00
38 T	Carbon Tetrachloride	0.592	0.541	8.6	69	0.00
39 T	Methylcyclohexane	0.631	0.502	20.4	57	0.00
40 TM	Benzene	1.515	1.496	1.3	72	0.00
41 T	Methacrylonitrile	0.124	0.154	-24.2	88	0.00
42 TM	1,2-Dichloroethane	0.424	0.453	-6.8	77	-0.01
43 T	Isopropyl Acetate	0.441	0.479	-8.6	74	0.00
44 TM	Trichloroethene	0.383	0.370	3.4	72	0.00
45 C	1,2-Dichloropropane	0.361	0.380	-5.3#	77	0.00
46 T	Dibromomethane	0.201	0.218	-8.5	76	0.00
47 T	Bromodichloromethane	0.533	0.585	-9.8	80	0.00
48 T	Methyl methacrylate	0.203	0.223	-9.9	73	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	81	0.00
50 S	Toluene-d8	1.244	1.148	7.7	75	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.264	-15.8	75	0.00
52 CM	Toluene	0.955	0.963	-0.8#	73	0.00
53 T	t-1,3-Dichloropropene	0.470	0.507	-7.9	76	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.581	-4.3	74	0.00
55 T	1,1,2-Trichloroethane	0.263	0.293	-11.4	77	0.00
56 T	Ethyl methacrylate	0.335	0.390	-16.4	76	0.00
57 T	1,3-Dichloropropane	0.455	0.504	-10.8	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.209	-34.8#	90	0.00
59 T	2-Hexanone	0.151	0.174	-15.2	71	0.00
60 T	Dibromochloromethane	0.360	0.402	-11.7	80	0.00
61 T	1,2-Dibromoethane	0.248	0.278	-12.1	79	0.00
62 S	4-Bromofluorobenzene	0.423	0.430	-1.7	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	79	0.00
64 T	Tetrachloroethene	0.407	0.416	-2.2	81	0.00
65 PM	Chlorobenzene	1.181	1.139	3.6	76	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.423	-1.4	79	0.00
67 C	Ethyl Benzene	2.072	1.937	6.5#	71	0.00
68 T	m/p-Xylenes	0.787	0.746	5.2	71	0.00
69 T	o-Xylene	0.725	0.723	0.3	75	0.00
70 T	Styrene	1.203	1.247	-3.7	77	0.00
71 P	Bromoform	0.233	0.251	-7.7	79	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.939	3.443	12.6	72	0.00
74 T	N-amyl acetate	0.855	0.841	1.6	75	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.662	4.7	77	0.00
76 T	1,2,3-Trichloropropane	0.504	0.476	5.6	82	0.00
77 T	Bromobenzene	0.921	0.870	5.5	79	0.00
78 T	n-propylbenzene	4.783	4.151	13.2	71	0.00
79 T	2-Chlorotoluene	2.735	2.463	9.9	76	0.00
80 T	1,3,5-Trimethylbenzene	3.201	2.897	9.5	75	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.205	7.7	72	0.00
82 T	4-Chlorotoluene	2.832	2.559	9.6	76	0.00
83 T	tert-Butylbenzene	2.855	2.558	10.4	74	0.00
84 T	1,2,4-Trimethylbenzene	3.178	2.946	7.3	76	0.00
85 T	sec-Butylbenzene	4.248	3.689	13.2	71	0.00
86 T	p-Isopropyltoluene	3.500	3.128	10.6	73	0.00
87 T	1,3-Dichlorobenzene	1.834	1.687	8.0	78	0.00
88 T	1,4-Dichlorobenzene	1.794	1.669	7.0	79	0.00
89 T	n-Butylbenzene	3.232	2.845	12.0	71	0.00
90 T	Hexachloroethane	0.747	0.668	10.6	77	0.00
91 T	1,2-Dichlorobenzene	1.572	1.518	3.4	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.105	-1.0	82	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.879	-2.3	81	0.00
94 T	Hexachlorobutadiene	0.538	0.502	6.7	77	0.00
95 T	Naphthalene	1.390	1.626	-17.0	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.789	-9.3	86	0.00

(#) = Out of Range

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