

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032525\
 Data File : VY021641.D
 Acq On : 25 Mar 2025 17:19
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Mar 26 01:38:18 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	64	0.00
2 T	Dichlorodifluoromethane	0.459	0.336	26.8#	48#	0.00
3 P	Chloromethane	0.647	0.590	8.8	61	0.00
4 C	Vinyl Chloride	0.707	0.657	7.1#	61	0.00
5 T	Bromomethane	0.511	0.492	3.7	67	0.00
6 T	Chloroethane	0.467	0.498	-6.6	69	0.00
7 T	Trichlorofluoromethane	0.987	0.983	0.4	65	0.00
8 T	Diethyl Ether	0.273	0.302	-10.6	68	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.495	12.1	59	-0.01
10 T	Methyl Iodide	0.573	0.612	-6.8	62	-0.01
11 T	Tert butyl alcohol	0.041	0.033	19.5	55	0.00
12 CM	1,1-Dichloroethene	0.514	0.474	7.8#	60	-0.01
13 T	Acrolein	0.027	0.001	96.3#	17#	-0.01
14 T	Allyl chloride	0.830	0.825	0.6	63	-0.01
15 T	Acrylonitrile	0.116	0.132	-13.8	68	0.00
16 T	Acetone	0.115	0.095	17.4	45#	0.00
17 T	Carbon Disulfide	1.610	1.345	16.5	53	0.00
18 T	Methyl Acetate	0.256	0.483	-88.7#	108	0.00
19 T	Methyl tert-butyl Ether	1.302	1.425	-9.4	67	0.00
20 T	Methylene Chloride	0.605	0.653	-7.9	75	0.00
21 T	trans-1,2-Dichloroethene	0.575	0.571	0.7	64	-0.01
22 T	Diisopropyl ether	1.789	2.025	-13.2	70	0.00
23 T	Vinyl Acetate	1.021	0.997	2.4	57	0.00
24 P	1,1-Dichloroethane	1.056	1.134	-7.4	69	-0.01
25 T	2-Butanone	0.159	0.162	-1.9	57	0.00
26 T	2,2-Dichloropropane	0.971	0.811	16.5	55	0.00
27 T	cis-1,2-Dichloroethene	0.653	0.697	-6.7	68	0.00
28 T	Bromochloromethane	0.443	0.497	-12.2	68	0.00
29 T	Tetrahydrofuran	0.098	0.109	-11.2	63	0.00
30 C	Chloroform	1.096	1.228	-12.0#	72	0.00
31 T	Cyclohexane	0.990	0.783	20.9	53	0.00
32 T	1,1,1-Trichloroethane	1.004	1.036	-3.2	68	0.00
33 S	1,2-Dichloroethane-d4	0.528	0.711	-34.7#	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35 S	Dibromofluoromethane	0.329	0.418	-27.1#	98	0.00
36 T	1,1-Dichloropropene	0.514	0.459	10.7	61	0.00
37 T	Ethyl Acetate	0.227	0.214	5.7	60	0.00
38 T	Carbon Tetrachloride	0.592	0.542	8.4	64	0.00
39 T	Methylcyclohexane	0.631	0.484	23.3	51	0.00
40 TM	Benzene	1.515	1.505	0.7	67	0.00
41 T	Methacrylonitrile	0.124	0.139	-12.1	73	0.00
42 TM	1,2-Dichloroethane	0.424	0.444	-4.7	70	0.00
43 T	Isopropyl Acetate	0.441	0.437	0.9	62	0.00
44 TM	Trichloroethene	0.383	0.376	1.8	68	0.00
45 C	1,2-Dichloropropane	0.361	0.373	-3.3#	70	0.00
46 T	Dibromomethane	0.201	0.215	-7.0	70	0.00
47 T	Bromodichloromethane	0.533	0.570	-6.9	72	0.00
48 T	Methyl methacrylate	0.203	0.210	-3.4	63	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	67	0.00
50 S	Toluene-d8	1.244	1.496	-20.3	91	0.00
51 T	4-Methyl-2-Pentanone	0.228	0.248	-8.8	65	0.00
52 CM	Toluene	0.955	0.963	-0.8#	67	0.00
53 T	t-1,3-Dichloropropene	0.470	0.480	-2.1	66	0.00
54 T	cis-1,3-Dichloropropene	0.557	0.559	-0.4	66	0.00
55 T	1,1,2-Trichloroethane	0.263	0.283	-7.6	69	0.00
56 T	Ethyl methacrylate	0.335	0.366	-9.3	66	0.00
57 T	1,3-Dichloropropane	0.455	0.488	-7.3	70	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.200	-29.0#	79	0.00
59 T	2-Hexanone	0.151	0.162	-7.3	62	0.00
60 T	Dibromochloromethane	0.360	0.393	-9.2	72	0.00
61 T	1,2-Dibromoethane	0.248	0.265	-6.9	70	0.00
62 S	4-Bromofluorobenzene	0.423	0.537	-27.0#	96	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	71	0.00
64 T	Tetrachloroethene	0.407	0.427	-4.9	75	0.00
65 PM	Chlorobenzene	1.181	1.142	3.3	69	0.00
66 T	1,1,1,2-Tetrachloroethane	0.417	0.422	-1.2	71	0.00
67 C	Ethyl Benzene	2.072	1.970	4.9#	66	0.00
68 T	m/p-Xylenes	0.787	0.754	4.2	65	0.00
69 T	o-Xylene	0.725	0.721	0.6	68	0.00
70 T	Styrene	1.203	1.236	-2.7	69	0.00
71 P	Bromoform	0.233	0.244	-4.7	69	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	76	0.00
73 T	Isopropylbenzene	3.939	3.449	12.4	65	0.00
74 T	N-amyl acetate	0.855	0.758	11.3	60	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.647	6.9	67	0.00
76 T	1,2,3-Trichloropropane	0.504	0.482	4.4	74	0.00
77 T	Bromobenzene	0.921	0.854	7.3	70	0.00
78 T	n-propylbenzene	4.783	4.172	12.8	64	0.00
79 T	2-Chlorotoluene	2.735	2.478	9.4	68	0.00
80 T	1,3,5-Trimethylbenzene	3.201	2.870	10.3	67	0.00
81 T	trans-1,4-Dichloro-2-butene	0.222	0.180	18.9	57	0.00
82 T	4-Chlorotoluene	2.832	2.571	9.2	68	0.00
83 T	tert-Butylbenzene	2.855	2.562	10.3	66	0.00
84 T	1,2,4-Trimethylbenzene	3.178	2.893	9.0	67	0.00
85 T	sec-Butylbenzene	4.248	3.672	13.6	64	0.00
86 T	p-Isopropyltoluene	3.500	3.033	13.3	64	0.00
87 T	1,3-Dichlorobenzene	1.834	1.657	9.7	69	0.00
88 T	1,4-Dichlorobenzene	1.794	1.632	9.0	69	0.00
89 T	n-Butylbenzene	3.232	2.693	16.7	60	0.00
90 T	Hexachloroethane	0.747	0.680	9.0	71	0.00
91 T	1,2-Dichlorobenzene	1.572	1.494	5.0	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.104	0.101	2.9	71	0.00
93 T	1,2,4-Trichlorobenzene	0.859	0.780	9.2	65	0.00
94 T	Hexachlorobutadiene	0.538	0.473	12.1	65	0.00
95 T	Naphthalene	1.390	1.395	-0.4	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.722	0.692	4.2	68	0.00

(#) = Out of Range

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