

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041825\
 Data File : VY021916.D
 Acq On : 18 Apr 2025 08:46
 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 19 01:06:16 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	84	0.00
2 T	Dichlorodifluoromethane	0.518	0.428	17.4	71	0.00
3 P	Chloromethane	0.729	0.627	14.0	76	0.00
4 C	Vinyl Chloride	0.824	0.725	12.0#	76	0.00
5 T	Bromomethane	0.562	0.481	14.4	79	0.00
6 T	Chloroethane	0.539	0.486	9.8	80	0.00
7 T	Trichlorofluoromethane	1.056	0.960	9.1	80	0.00
8 T	Diethyl Ether	0.287	0.266	7.3	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.527	5.4	83	0.00
10 T	Methyl Iodide	0.611	0.590	3.4	76	0.00
11 T	Tert butyl alcohol	0.035	0.031	11.4	78	0.00
12 CM	1,1-Dichloroethene	0.524	0.477	9.0#	78	0.00
13 T	Acrolein	0.064	0.010	84.4#	14#	0.01
14 T	Allyl chloride	0.836	0.757	9.4	76	0.00
15 T	Acrylonitrile	0.120	0.119	0.8	83	0.00
16 T	Acetone	0.111	0.096	13.5	75	0.00
17 T	Carbon Disulfide	1.727	1.476	14.5	73	0.00
18 T	Methyl Acetate	0.275	0.350	-27.3#	111	0.00
19 T	Methyl tert-butyl Ether	1.306	1.267	3.0	80	0.00
20 T	Methylene Chloride	0.626	0.543	13.3	81	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.541	6.2	80	0.00
22 T	Diisopropyl ether	1.754	1.737	1.0	81	0.00
23 T	Vinyl Acetate	1.026	0.947	7.7	75	0.00
24 P	1,1-Dichloroethane	1.049	1.000	4.7	81	0.00
25 T	2-Butanone	0.158	0.149	5.7	79	0.00
26 T	2,2-Dichloropropane	0.933	0.892	4.4	82	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.627	3.4	81	0.00
28 T	Bromochloromethane	0.442	0.431	2.5	85	0.00
29 T	Tetrahydrofuran	0.102	0.099	2.9	79	0.00
30 C	Chloroform	1.091	1.076	1.4#	84	0.00
31 T	Cyclohexane	0.956	0.846	11.5	78	0.00
32 T	1,1,1-Trichloroethane	0.986	0.952	3.4	83	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.512	5.5	79	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	80	0.00
35 S	Dibromofluoromethane	0.324	0.335	-3.4	79	0.00
36 T	1,1-Dichloropropene	0.494	0.502	-1.6	80	0.00
37 T	Ethyl Acetate	0.233	0.235	-0.9	80	0.00
38 T	Carbon Tetrachloride	0.566	0.588	-3.9	83	0.00
39 T	Methylcyclohexane	0.590	0.594	-0.7	77	0.00
40 TM	Benzene	1.479	1.520	-2.8	81	0.00
41 T	Methacrylonitrile	0.124	0.135	-8.9	79	-0.01
42 TM	1,2-Dichloroethane	0.417	0.437	-4.8	83	0.00
43 T	Isopropyl Acetate	0.442	0.443	-0.2	79	0.00
44 TM	Trichloroethene	0.377	0.390	-3.4	83	0.00
45 C	1,2-Dichloropropane	0.350	0.366	-4.6#	83	0.00
46 T	Dibromomethane	0.202	0.214	-5.9	86	0.00
47 T	Bromodichloromethane	0.523	0.555	-6.1	84	0.00
48 T	Methyl methacrylate	0.203	0.213	-4.9	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	77	0.00
50 S	Toluene-d8	1.234	1.267	-2.7	78	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.254	-10.4	84	0.00
52 CM	Toluene	0.923	0.990	-7.3#	83	0.00
53 T	t-1,3-Dichloropropene	0.465	0.488	-4.9	80	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.562	-2.6	80	0.00
55 T	1,1,2-Trichloroethane	0.260	0.283	-8.8	87	0.00
56 T	Ethyl methacrylate	0.332	0.372	-12.0	81	0.00
57 T	1,3-Dichloropropane	0.449	0.478	-6.5	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.197	-21.6	88	0.00
59 T	2-Hexanone	0.153	0.170	-11.1	83	0.00
60 T	Dibromochloromethane	0.355	0.385	-8.5	85	0.00
61 T	1,2-Dibromoethane	0.244	0.266	-9.0	84	0.00
62 S	4-Bromofluorobenzene	0.417	0.436	-4.6	79	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.455	0.501	-10.1	92	0.00
65 PM	Chlorobenzene	1.146	1.166	-1.7	83	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.427	-4.9	86	0.00
67 C	Ethyl Benzene	1.965	2.069	-5.3#	83	0.00
68 T	m/p-Xylenes	0.753	0.802	-6.5	84	0.00
69 T	o-Xylene	0.695	0.736	-5.9	82	0.00
70 T	Styrene	1.158	1.266	-9.3	85	0.00
71 P	Bromoform	0.232	0.252	-8.6	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.714	3.702	0.3	83	0.00
74 T	N-amyl acetate	0.872	0.832	4.6	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.629	5.8	82	0.00
76 T	1,2,3-Trichloropropane	0.496	0.524	-5.6	91	0.00
77 T	Bromobenzene	0.892	0.898	-0.7	87	0.00
78 T	n-propylbenzene	4.465	4.535	-1.6	85	0.00
79 T	2-Chlorotoluene	2.593	2.571	0.8	84	0.00
80 T	1,3,5-Trimethylbenzene	3.035	3.069	-1.1	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.203	5.6	79	0.00
82 T	4-Chlorotoluene	2.704	2.724	-0.7	85	0.00
83 T	tert-Butylbenzene	2.703	2.687	0.6	83	0.00
84 T	1,2,4-Trimethylbenzene	3.000	3.112	-3.7	85	0.00
85 T	sec-Butylbenzene	3.951	4.039	-2.2	85	0.00
86 T	p-Isopropyltoluene	3.265	3.410	-4.4	86	0.00
87 T	1,3-Dichlorobenzene	1.757	1.764	-0.4	87	0.00
88 T	1,4-Dichlorobenzene	1.736	1.756	-1.2	87	0.00
89 T	n-Butylbenzene	3.020	3.111	-3.0	84	0.00
90 T	Hexachloroethane	0.716	0.709	1.0	86	0.00
91 T	1,2-Dichlorobenzene	1.529	1.558	-1.9	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.105	-1.9	89	0.00
93 T	1,2,4-Trichlorobenzene	0.829	0.873	-5.3	86	0.00
94 T	Hexachlorobutadiene	0.518	0.529	-2.1	87	0.00
95 T	Naphthalene	1.375	1.492	-8.5	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.755	-6.8	87	0.00

(#) = Out of Range

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