

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042325\
 Data File : VY021985.D
 Acq On : 23 Apr 2025 20:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 24 03:48:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 23 02:30:30 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	89	0.00
2 T	Dichlorodifluoromethane	0.426	0.407	4.5	92	0.00
3 P	Chloromethane	0.607	0.642	-5.8	94	0.00
4 C	Vinyl Chloride	0.745	0.770	-3.4#	93	0.00
5 T	Bromomethane	0.642	0.617	3.9	92	0.00
6 T	Chloroethane	0.508	0.536	-5.5	96	0.00
7 T	Trichlorofluoromethane	0.983	0.997	-1.4	92	0.00
8 T	Diethyl Ether	0.256	0.263	-2.7	94	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.507	4.9	92	0.00
10 T	Methyl Iodide	0.617	0.655	-6.2	92	0.00
11 T	Tert butyl alcohol	0.025	0.027	-8.0	93	0.00
12 CM	1,1-Dichloroethene	0.497	0.503	-1.2#	95	0.00
13 T	Acrolein	0.046	0.040	13.0	84	0.00
14 T	Allyl chloride	0.579	0.589	-1.7	94	0.00
15 T	Acrylonitrile	0.094	0.098	-4.3	92	0.00
16 T	Acetone	0.070	0.067	4.3	93	0.00
17 T	Carbon Disulfide	1.585	1.580	0.3	94	0.00
18 T	Methyl Acetate	0.216	0.284	-31.5#	113	0.00
19 T	Methyl tert-butyl Ether	1.113	1.200	-7.8	94	0.00
20 T	Methylene Chloride	0.584	0.558	4.5	93	0.00
21 T	trans-1,2-Dichloroethene	0.557	0.574	-3.1	96	0.00
22 T	Diisopropyl ether	1.288	1.407	-9.2	97	0.00
23 T	Vinyl Acetate	0.694	0.725	-4.5	90	0.00
24 P	1,1-Dichloroethane	0.893	0.924	-3.5	96	0.00
25 T	2-Butanone	0.105	0.109	-3.8	92	0.00
26 T	2,2-Dichloropropane	0.782	0.723	7.5	86	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.656	-5.5	95	0.00
28 T	Bromochloromethane	0.347	0.363	-4.6	94	0.00
29 T	Tetrahydrofuran	0.068	0.074	-8.8	90	0.00
30 C	Chloroform	0.990	1.043	-5.4#	97	0.00
31 T	Cyclohexane	0.763	0.730	4.3	91	0.00
32 T	1,1,1-Trichloroethane	0.896	0.905	-1.0	94	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.467	-1.1	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	91	0.00
35 S	Dibromofluoromethane	0.330	0.317	3.9	88	0.00
36 T	1,1-Dichloropropene	0.444	0.440	0.9	94	0.00
37 T	Ethyl Acetate	0.159	0.159	0.0	90	0.00
38 T	Carbon Tetrachloride	0.530	0.522	1.5	94	0.00
39 T	Methylcyclohexane	0.558	0.546	2.2	90	0.00
40 TM	Benzene	1.387	1.422	-2.5	97	0.00
41 T	Methacrylonitrile	0.087	0.097	-11.5	96	-0.01
42 TM	1,2-Dichloroethane	0.343	0.347	-1.2	94	0.00
43 T	Isopropyl Acetate	0.306	0.313	-2.3	91	0.00
44 TM	Trichloroethene	0.384	0.384	0.0	95	0.00
45 C	1,2-Dichloropropane	0.307	0.318	-3.6#	97	0.00
46 T	Dibromomethane	0.192	0.198	-3.1	96	0.00
47 T	Bromodichloromethane	0.480	0.500	-4.2	97	0.00
48 T	Methyl methacrylate	0.141	0.157	-11.3	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	93	-0.01
50 S	Toluene-d8	1.245	1.226	1.5	87	0.00
51 T	4-Methyl-2-Pentanone	0.160	0.176	-10.0	93	0.00
52 CM	Toluene	0.898	0.941	-4.8#	96	0.00
53 T	t-1,3-Dichloropropene	0.411	0.415	-1.0	91	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.498	-1.8	94	0.00
55 T	1,1,2-Trichloroethane	0.256	0.268	-4.7	95	0.00
56 T	Ethyl methacrylate	0.293	0.326	-11.3	94	0.00
57 T	1,3-Dichloropropane	0.411	0.433	-5.4	96	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.162	-13.3	92	0.00
59 T	2-Hexanone	0.106	0.117	-10.4	93	0.00
60 T	Dibromochloromethane	0.355	0.371	-4.5	96	0.00
61 T	1,2-Dibromoethane	0.242	0.257	-6.2	97	0.00
62 S	4-Bromofluorobenzene	0.419	0.426	-1.7	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.472	0.456	3.4	94	0.00
65 PM	Chlorobenzene	1.118	1.111	0.6	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.391	0.8	95	0.00
67 C	Ethyl Benzene	1.829	1.879	-2.7#	96	0.00
68 T	m/p-Xylenes	0.728	0.749	-2.9	96	0.00
69 T	o-Xylene	0.671	0.699	-4.2	95	0.00
70 T	Styrene	1.126	1.199	-6.5	96	0.00
71 P	Bromoform	0.229	0.230	-0.4	94	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.341	3.387	-1.4	95	0.00
74 T	N-amyl acetate	0.574	0.575	-0.2	91	0.00
75 P	1,1,2,2-Tetrachloroethane	0.563	0.552	2.0	94	0.00
76 T	1,2,3-Trichloropropane	0.428	0.398	7.0	92	0.00
77 T	Bromobenzene	0.844	0.852	-0.9	96	0.00
78 T	n-propylbenzene	3.978	3.972	0.2	93	0.00
79 T	2-Chlorotoluene	2.314	2.311	0.1	94	0.00
80 T	1,3,5-Trimethylbenzene	2.752	2.812	-2.2	94	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.160	10.1	84	0.00
82 T	4-Chlorotoluene	2.405	2.388	0.7	94	0.00
83 T	tert-Butylbenzene	2.468	2.538	-2.8	95	0.00
84 T	1,2,4-Trimethylbenzene	2.753	2.799	-1.7	94	0.00
85 T	sec-Butylbenzene	3.612	3.606	0.2	93	0.00
86 T	p-Isopropyltoluene	3.067	3.073	-0.2	93	0.00
87 T	1,3-Dichlorobenzene	1.714	1.663	3.0	94	0.00
88 T	1,4-Dichlorobenzene	1.698	1.618	4.7	93	0.00
89 T	n-Butylbenzene	2.742	2.633	4.0	89	0.00
90 T	Hexachloroethane	0.674	0.653	3.1	95	0.00
91 T	1,2-Dichlorobenzene	1.495	1.472	1.5	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.087	3.3	96	0.00
93 T	1,2,4-Trichlorobenzene	0.847	0.794	6.3	90	0.00
94 T	Hexachlorobutadiene	0.521	0.472	9.4	92	0.00
95 T	Naphthalene	1.408	1.542	-9.5	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.712	2.6	94	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6