

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042525\
 Data File : VY021997.D
 Acq On : 25 Apr 2025 09:30
 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 25 22:53:56 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	94	0.00
2 T	Dichlorodifluoromethane	0.426	0.405	4.9	97	0.00
3 P	Chloromethane	0.607	0.603	0.7	94	0.00
4 C	Vinyl Chloride	0.745	0.733	1.6#	95	0.00
5 T	Bromomethane	0.642	0.578	10.0	92	0.00
6 T	Chloroethane	0.508	0.501	1.4	96	0.00
7 T	Trichlorofluoromethane	0.983	0.943	4.1	93	0.00
8 T	Diethyl Ether	0.256	0.229	10.5	87	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.533	0.522	2.1	101	0.00
10 T	Methyl Iodide	0.617	0.642	-4.1	96	0.00
11 T	Tert butyl alcohol	0.025	0.021	16.0	74	0.00
12 CM	1,1-Dichloroethene	0.497	0.483	2.8#	97	0.00
13 T	Acrolein	0.046	0.029	37.0#	63	0.00
14 T	Allyl chloride	0.579	0.562	2.9	95	0.00
15 T	Acrylonitrile	0.094	0.086	8.5	87	0.00
16 T	Acetone	0.070	0.058	17.1	87	0.00
17 T	Carbon Disulfide	1.585	1.582	0.2	100	0.00
18 T	Methyl Acetate	0.216	0.218	-0.9	92	0.00
19 T	Methyl tert-butyl Ether	1.113	1.064	4.4	89	0.00
20 T	Methylene Chloride	0.584	0.533	8.7	94	0.01
21 T	trans-1,2-Dichloroethene	0.557	0.563	-1.1	100	0.01
22 T	Diisopropyl ether	1.288	1.311	-1.8	96	0.00
23 T	Vinyl Acetate	0.694	0.673	3.0	89	0.00
24 P	1,1-Dichloroethane	0.893	0.885	0.9	98	0.00
25 T	2-Butanone	0.105	0.094	10.5	84	0.00
26 T	2,2-Dichloropropane	0.782	0.792	-1.3	101	0.00
27 T	cis-1,2-Dichloroethene	0.622	0.627	-0.8	97	0.00
28 T	Bromochloromethane	0.347	0.345	0.6	95	0.00
29 T	Tetrahydrofuran	0.068	0.063	7.4	81	0.00
30 C	Chloroform	0.990	1.003	-1.3#	99	0.00
31 T	Cyclohexane	0.763	0.758	0.7	101	0.00
32 T	1,1,1-Trichloroethane	0.896	0.898	-0.2	99	0.00
33 S	1,2-Dichloroethane-d4	0.462	0.453	1.9	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.330	0.358	-8.5	96	0.00
36 T	1,1-Dichloropropene	0.444	0.482	-8.6	100	0.00
37 T	Ethyl Acetate	0.159	0.149	6.3	82	0.00
38 T	Carbon Tetrachloride	0.530	0.576	-8.7	101	0.00
39 T	Methylcyclohexane	0.558	0.615	-10.2	99	0.00
40 TM	Benzene	1.387	1.499	-8.1	99	0.00
41 T	Methacrylonitrile	0.087	0.088	-1.1	85	0.00
42 TM	1,2-Dichloroethane	0.343	0.362	-5.5	95	0.00
43 T	Isopropyl Acetate	0.306	0.295	3.6	84	0.00
44 TM	Trichloroethene	0.384	0.404	-5.2	98	0.00
45 C	1,2-Dichloropropane	0.307	0.328	-6.8#	97	0.00
46 T	Dibromomethane	0.192	0.200	-4.2	95	0.00
47 T	Bromodichloromethane	0.480	0.518	-7.9	97	0.00
48 T	Methyl methacrylate	0.141	0.147	-4.3	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	87	0.00
50 S	Toluene-d8	1.245	1.394	-12.0	97	0.00
51 T	4-Methyl-2-Pentanone	0.160	0.165	-3.1	85	0.00
52 CM	Toluene	0.898	1.003	-11.7#	99	0.00
53 T	t-1,3-Dichloropropene	0.411	0.434	-5.6	92	0.00
54 T	cis-1,3-Dichloropropene	0.489	0.524	-7.2	96	0.00
55 T	1,1,2-Trichloroethane	0.256	0.270	-5.5	93	0.00
56 T	Ethyl methacrylate	0.293	0.304	-3.8	85	0.00
57 T	1,3-Dichloropropane	0.411	0.439	-6.8	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.143	0.0	79	0.00
59 T	2-Hexanone	0.106	0.107	-0.9	83	0.00
60 T	Dibromochloromethane	0.355	0.385	-8.5	97	0.00
61 T	1,2-Dibromoethane	0.242	0.257	-6.2	94	0.00
62 S	4-Bromofluorobenzene	0.419	0.454	-8.4	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	91	0.00
64 T	Tetrachloroethene	0.472	0.497	-5.3	99	0.00
65 PM	Chlorobenzene	1.118	1.182	-5.7	99	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.422	-7.1	99	0.00
67 C	Ethyl Benzene	1.829	2.004	-9.6#	99	0.00
68 T	m/p-Xylenes	0.728	0.820	-12.6	101	0.00
69 T	o-Xylene	0.671	0.747	-11.3	98	0.00
70 T	Styrene	1.126	1.263	-12.2	98	0.00
71 P	Bromoform	0.229	0.235	-2.6	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.341	3.664	-9.7	99	0.00
74 T	N-amyl acetate	0.574	0.541	5.7	82	0.00
75 P	1,1,2,2-Tetrachloroethane	0.563	0.563	0.0	92	0.00
76 T	1,2,3-Trichloropropane	0.428	0.429	-0.2	95	0.00
77 T	Bromobenzene	0.844	0.906	-7.3	98	0.00
78 T	n-propylbenzene	3.978	4.400	-10.6	99	0.00
79 T	2-Chlorotoluene	2.314	2.498	-8.0	98	0.00
80 T	1,3,5-Trimethylbenzene	2.752	3.060	-11.2	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.178	0.170	4.5	86	0.00
82 T	4-Chlorotoluene	2.405	2.635	-9.6	99	0.00
83 T	tert-Butylbenzene	2.468	2.682	-8.7	96	0.00
84 T	1,2,4-Trimethylbenzene	2.753	3.064	-11.3	99	0.00
85 T	sec-Butylbenzene	3.612	3.987	-10.4	99	0.00
86 T	p-Isopropyltoluene	3.067	3.416	-11.4	99	0.00
87 T	1,3-Dichlorobenzene	1.714	1.805	-5.3	98	0.00
88 T	1,4-Dichlorobenzene	1.698	1.769	-4.2	98	0.00
89 T	n-Butylbenzene	2.742	2.987	-8.9	97	0.00
90 T	Hexachloroethane	0.674	0.706	-4.7	99	0.00
91 T	1,2-Dichlorobenzene	1.495	1.571	-5.1	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.082	8.9	87	0.00
93 T	1,2,4-Trichlorobenzene	0.847	0.867	-2.4	94	0.00
94 T	Hexachlorobutadiene	0.521	0.535	-2.7	100	0.00
95 T	Naphthalene	1.408	1.369	2.8	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.731	0.734	-0.4	93	0.00

(#) = Out of Range

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