

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040725\
 Data File : VY021804.D
 Acq On : 07 Apr 2025 17:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 08 03:36:17 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	94	0.00
2 T	Dichlorodifluoromethane	0.518	0.486	6.2	90	0.00
3 P	Chloromethane	0.729	0.668	8.4	91	0.00
4 C	Vinyl Chloride	0.824	0.769	6.7#	91	0.00
5 T	Bromomethane	0.562	0.488	13.2	90	0.00
6 T	Chloroethane	0.539	0.505	6.3	93	0.00
7 T	Trichlorofluoromethane	1.056	1.001	5.2	93	0.00
8 T	Diethyl Ether	0.287	0.278	3.1	95	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.547	1.8	96	0.00
10 T	Methyl Iodide	0.611	0.663	-8.5	95	0.00
11 T	Tert butyl alcohol	0.035	0.034	2.9	95	0.00
12 CM	1,1-Dichloroethene	0.524	0.518	1.1#	95	0.00
13 T	Acrolein	0.064	0.020	68.8#	30#	0.01
14 T	Allyl chloride	0.836	0.820	1.9	92	0.00
15 T	Acrylonitrile	0.120	0.121	-0.8	94	0.00
16 T	Acetone	0.111	0.093	16.2	82	0.00
17 T	Carbon Disulfide	1.727	1.613	6.6	90	0.00
18 T	Methyl Acetate	0.275	0.341	-24.0	121	0.00
19 T	Methyl tert-butyl Ether	1.306	1.345	-3.0	96	0.00
20 T	Methylene Chloride	0.626	0.578	7.7	97	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.571	1.0	95	0.00
22 T	Diisopropyl ether	1.754	1.810	-3.2	95	0.00
23 T	Vinyl Acetate	1.026	0.896	12.7	79	0.00
24 P	1,1-Dichloroethane	1.049	1.045	0.4	95	0.00
25 T	2-Butanone	0.158	0.154	2.5	91	0.00
26 T	2,2-Dichloropropane	0.933	0.906	2.9	93	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.656	-1.1	95	0.00
28 T	Bromochloromethane	0.442	0.437	1.1	97	0.00
29 T	Tetrahydrofuran	0.102	0.105	-2.9	94	0.00
30 C	Chloroform	1.091	1.097	-0.5#	96	0.00
31 T	Cyclohexane	0.956	0.909	4.9	93	0.00
32 T	1,1,1-Trichloroethane	0.986	0.986	0.0	96	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.545	-0.6	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.324	0.290	10.5	79	0.00
36 T	1,1-Dichloropropene	0.494	0.512	-3.6	94	0.00
37 T	Ethyl Acetate	0.233	0.236	-1.3	92	0.00
38 T	Carbon Tetrachloride	0.566	0.589	-4.1	96	0.00
39 T	Methylcyclohexane	0.590	0.626	-6.1	93	0.00
40 TM	Benzene	1.479	1.535	-3.8	95	0.00
41 T	Methacrylonitrile	0.124	0.121	2.4	81	0.00
42 TM	1,2-Dichloroethane	0.417	0.440	-5.5	97	0.00
43 T	Isopropyl Acetate	0.442	0.466	-5.4	95	0.00
44 TM	Trichloroethene	0.377	0.451	-19.6	111	0.00
45 C	1,2-Dichloropropane	0.350	0.369	-5.4#	97	0.00
46 T	Dibromomethane	0.202	0.213	-5.4	99	0.00
47 T	Bromodichloromethane	0.523	0.546	-4.4	96	0.00
48 T	Methyl methacrylate	0.203	0.221	-8.9	97	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	102	0.00
50 S	Toluene-d8	1.234	1.291	-4.6	91	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.257	-11.7	98	0.00
52 CM	Toluene	0.923	0.988	-7.0#	96	0.00
53 T	t-1,3-Dichloropropene	0.465	0.485	-4.3	92	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.574	-4.7	94	0.00
55 T	1,1,2-Trichloroethane	0.260	0.280	-7.7	99	0.00
56 T	Ethyl methacrylate	0.332	0.386	-16.3	97	0.00
57 T	1,3-Dichloropropane	0.449	0.487	-8.5	98	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.191	-17.9	98	0.00
59 T	2-Hexanone	0.153	0.171	-11.8	96	0.00
60 T	Dibromochloromethane	0.355	0.377	-6.2	95	0.00
61 T	1,2-Dibromoethane	0.244	0.266	-9.0	97	0.00
62 S	4-Bromofluorobenzene	0.417	0.453	-8.6	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.455	0.605	-33.0#	127	0.00
65 PM	Chlorobenzene	1.146	1.183	-3.2	97	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.417	-2.5	96	0.00
67 C	Ethyl Benzene	1.965	2.093	-6.5#	96	0.00
68 T	m/p-Xylenes	0.753	0.801	-6.4	96	0.00
69 T	o-Xylene	0.695	0.750	-7.9	96	0.00
70 T	Styrene	1.158	1.276	-10.2	98	0.00
71 P	Bromoform	0.232	0.246	-6.0	98	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	100	0.00
73 T	Isopropylbenzene	3.714	3.703	0.3	97	0.00
74 T	N-amyl acetate	0.872	0.874	-0.2	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.410	38.6#	63	0.00
76 T	1,2,3-Trichloropropane	0.496	0.497	-0.2	100	0.00
77 T	Bromobenzene	0.892	0.883	1.0	100	0.00
78 T	n-propylbenzene	4.465	4.487	-0.5	97	0.00
79 T	2-Chlorotoluene	2.593	2.553	1.5	97	0.00
80 T	1,3,5-Trimethylbenzene	3.035	3.061	-0.9	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.200	7.0	90	0.00
82 T	4-Chlorotoluene	2.704	2.654	1.8	97	0.00
83 T	tert-Butylbenzene	2.703	2.689	0.5	97	0.00
84 T	1,2,4-Trimethylbenzene	3.000	3.087	-2.9	99	0.00
85 T	sec-Butylbenzene	3.951	3.983	-0.8	98	0.00
86 T	p-Isopropyltoluene	3.265	3.368	-3.2	98	0.00
87 T	1,3-Dichlorobenzene	1.757	1.732	1.4	99	0.00
88 T	1,4-Dichlorobenzene	1.736	1.716	1.2	99	0.00
89 T	n-Butylbenzene	3.020	3.106	-2.8	98	0.00
90 T	Hexachloroethane	0.716	0.700	2.2	99	0.00
91 T	1,2-Dichlorobenzene	1.529	1.532	-0.2	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.105	-1.9	103	0.00
93 T	1,2,4-Trichlorobenzene	0.829	0.905	-9.2	103	0.00
94 T	Hexachlorobutadiene	0.518	0.536	-3.5	102	0.00
95 T	Naphthalene	1.375	1.653	-20.2	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.788	-11.5	106	0.00

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