

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033125\
 Data File : VY021729.D
 Acq On : 31 Mar 2025 18:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 01 05:41:36 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	114	0.00
2 T	Dichlorodifluoromethane	0.518	0.491	5.2	111	0.00
3 P	Chloromethane	0.729	0.613	15.9	101	0.00
4 C	Vinyl Chloride	0.824	0.721	12.5#	103	0.00
5 T	Bromomethane	0.562	0.486	13.5	108	0.00
6 T	Chloroethane	0.539	0.469	13.0	105	0.00
7 T	Trichlorofluoromethane	1.056	0.980	7.2	111	0.00
8 T	Diethyl Ether	0.287	0.273	4.9	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.530	4.8	113	0.00
10 T	Methyl Iodide	0.611	0.631	-3.3	110	0.00
11 T	Tert butyl alcohol	0.035	0.033	5.7	110	0.00
12 CM	1,1-Dichloroethene	0.524	0.505	3.6#	112	0.00
13 T	Acrolein	0.064	0.041	35.9#	74	0.00
14 T	Allyl chloride	0.836	0.779	6.8	106	0.00
15 T	Acrylonitrile	0.120	0.115	4.2	108	0.00
16 T	Acetone	0.111	0.084	24.3	89	0.00
17 T	Carbon Disulfide	1.727	1.617	6.4	109	0.00
18 T	Methyl Acetate	0.275	0.289	-5.1	124	0.00
19 T	Methyl tert-butyl Ether	1.306	1.302	0.3	112	0.00
20 T	Methylene Chloride	0.626	0.573	8.5	116	0.00
21 T	trans-1,2-Dichloroethene	0.577	0.563	2.4	113	0.00
22 T	Diisopropyl ether	1.754	1.706	2.7	108	0.00
23 T	Vinyl Acetate	1.026	0.976	4.9	105	0.00
24 P	1,1-Dichloroethane	1.049	1.007	4.0	111	0.00
25 T	2-Butanone	0.158	0.143	9.5	103	0.00
26 T	2,2-Dichloropropane	0.933	0.826	11.5	103	0.00
27 T	cis-1,2-Dichloroethene	0.649	0.643	0.9	113	0.00
28 T	Bromochloromethane	0.442	0.424	4.1	114	0.00
29 T	Tetrahydrofuran	0.102	0.096	5.9	105	0.00
30 C	Chloroform	1.091	1.064	2.5#	112	0.00
31 T	Cyclohexane	0.956	0.870	9.0	108	0.00
32 T	1,1,1-Trichloroethane	0.986	0.949	3.8	112	0.00
33 S	1,2-Dichloroethane-d4	0.542	0.524	3.3	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	117	0.00
35 S	Dibromofluoromethane	0.324	0.326	-0.6	113	0.00
36 T	1,1-Dichloropropene	0.494	0.467	5.5	109	0.00
37 T	Ethyl Acetate	0.233	0.214	8.2	106	0.00
38 T	Carbon Tetrachloride	0.566	0.542	4.2	113	0.00
39 T	Methylcyclohexane	0.590	0.589	0.2	111	0.00
40 TM	Benzene	1.479	1.430	3.3	112	0.00
41 T	Methacrylonitrile	0.124	0.117	5.6	100	-0.02
42 TM	1,2-Dichloroethane	0.417	0.396	5.0	110	0.00
43 T	Isopropyl Acetate	0.442	0.416	5.9	108	0.00
44 TM	Trichloroethene	0.377	0.368	2.4	115	0.00
45 C	1,2-Dichloropropane	0.350	0.341	2.6#	113	0.00
46 T	Dibromomethane	0.202	0.200	1.0	118	0.00
47 T	Bromodichloromethane	0.523	0.510	2.5	114	0.00
48 T	Methyl methacrylate	0.203	0.192	5.4	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	117	0.00
50 S	Toluene-d8	1.234	1.224	0.8	110	0.00
51 T	4-Methyl-2-Pentanone	0.230	0.223	3.0	109	0.00
52 CM	Toluene	0.923	0.908	1.6#	112	0.00
53 T	t-1,3-Dichloropropene	0.465	0.455	2.2	110	0.00
54 T	cis-1,3-Dichloropropene	0.548	0.531	3.1	110	0.00
55 T	1,1,2-Trichloroethane	0.260	0.255	1.9	114	0.00
56 T	Ethyl methacrylate	0.332	0.349	-5.1	112	0.00
57 T	1,3-Dichloropropane	0.449	0.440	2.0	112	0.00
58 T	2-Chloroethyl Vinyl ether	0.162	0.169	-4.3	110	0.00
59 T	2-Hexanone	0.153	0.148	3.3	106	0.00
60 T	Dibromochloromethane	0.355	0.354	0.3	114	0.00
61 T	1,2-Dibromoethane	0.244	0.243	0.4	112	0.00
62 S	4-Bromofluorobenzene	0.417	0.427	-2.4	114	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	118	0.00
64 T	Tetrachloroethene	0.455	0.435	4.4	114	0.00
65 PM	Chlorobenzene	1.146	1.103	3.8	112	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.398	2.2	114	0.00
67 C	Ethyl Benzene	1.965	1.923	2.1#	110	0.00
68 T	m/p-Xylenes	0.753	0.734	2.5	110	0.00
69 T	o-Xylene	0.695	0.696	-0.1	111	0.00
70 T	Styrene	1.158	1.178	-1.7	112	0.00
71 P	Bromoform	0.232	0.227	2.2	112	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	117	0.00
73 T	Isopropylbenzene	3.714	3.628	2.3	111	0.00
74 T	N-amyl acetate	0.872	0.829	4.9	106	0.00
75 P	1,1,2,2-Tetrachloroethane	0.668	0.619	7.3	110	0.00
76 T	1,2,3-Trichloropropane	0.496	0.431	13.1	101	0.00
77 T	Bromobenzene	0.892	0.849	4.8	112	0.00
78 T	n-propylbenzene	4.465	4.317	3.3	110	0.00
79 T	2-Chlorotoluene	2.593	2.476	4.5	110	0.00
80 T	1,3,5-Trimethylbenzene	3.035	2.933	3.4	109	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.199	7.4	105	0.00
82 T	4-Chlorotoluene	2.704	2.528	6.5	107	0.00
83 T	tert-Butylbenzene	2.703	2.690	0.5	113	0.00
84 T	1,2,4-Trimethylbenzene	3.000	2.960	1.3	111	0.00
85 T	sec-Butylbenzene	3.951	3.826	3.2	109	0.00
86 T	p-Isopropyltoluene	3.265	3.194	2.2	109	0.00
87 T	1,3-Dichlorobenzene	1.757	1.638	6.8	110	0.00
88 T	1,4-Dichlorobenzene	1.736	1.629	6.2	110	0.00
89 T	n-Butylbenzene	3.020	2.851	5.6	105	0.00
90 T	Hexachloroethane	0.716	0.658	8.1	109	0.00
91 T	1,2-Dichlorobenzene	1.529	1.460	4.5	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.099	3.9	114	0.00
93 T	1,2,4-Trichlorobenzene	0.829	0.813	1.9	108	0.00
94 T	Hexachlorobutadiene	0.518	0.487	6.0	109	0.00
95 T	Naphthalene	1.375	1.431	-4.1	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.707	0.705	0.3	111	0.00

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