

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011223\
 Data File : VY012168.D
 Acq On : 12 Jan 2023 10:03
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 12 13:35:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 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	124	0.00
2 T	Dichlorodifluoromethane	0.448	0.367	18.1	115	0.00
3 P	Chloromethane	0.411	0.366	10.9	128	0.00
4 C	Vinyl Chloride	0.486	0.432	11.1#	124	0.00
5 T	Bromomethane	0.372	0.297	20.2	117	0.00
6 T	Chloroethane	0.322	0.285	11.5	123	0.00
7 T	Trichlorofluoromethane	0.968	0.842	13.0	116	0.00
8 T	Diethyl Ether	0.296	0.278	6.1	124	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.498	0.491	1.4	128	0.00
10 T	Methyl Iodide	0.676	0.621	8.1	119	0.00
11 T	Tert butyl alcohol	0.083	0.048	42.2#	98	0.00
12 CM	1,1-Dichloroethene	0.489	0.462	5.5#	127	0.00
13 T	Acrolein	0.036	0.028	22.2	133	0.00
14 T	Allyl chloride	0.659	0.698	-5.9	140	0.00
15 T	Acrylonitrile	0.139	0.137	1.4	129	0.00
16 T	Acetone	0.132	0.123	6.8	123	0.00
17 T	Carbon Disulfide	1.378	1.126	18.3	124	0.00
18 T	Methyl Acetate	0.380	0.361	5.0	131	0.00
19 T	Methyl tert-butyl Ether	1.438	1.366	5.0	120	0.00
20 T	Methylene Chloride	0.688	0.546	20.6	120	0.00
21 T	trans-1,2-Dichloroethene	0.541	0.512	5.4	126	0.00
22 T	Diisopropyl ether	1.355	1.498	-10.6	139	0.00
23 T	Vinyl Acetate	0.820	0.858	-4.6	131	0.00
24 P	1,1-Dichloroethane	0.901	0.925	-2.7	133	0.00
25 T	2-Butanone	0.174	0.166	4.6	127	0.00
26 T	2,2-Dichloropropane	0.972	0.892	8.2	120	0.00
27 T	cis-1,2-Dichloroethene	0.618	0.608	1.6	125	0.00
28 T	Bromochloromethane	0.228	0.233	-2.2	136	0.00
29 T	Tetrahydrofuran	0.102	0.101	1.0	129	0.00
30 C	Chloroform	1.028	1.010	1.8#	125	0.00
31 T	Cyclohexane	0.808	0.731	9.5	128	0.00
32 T	1,1,1-Trichloroethane	0.998	0.929	6.9	118	0.00
33 S	1,2-Dichloroethane-d4	0.562	0.477	15.1	113	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	126	0.00
35 S	Dibromofluoromethane	0.329	0.317	3.6	125	0.00
36 T	1,1-Dichloropropene	0.499	0.472	5.4	127	0.00
37 T	Ethyl Acetate	0.267	0.241	9.7	128	0.00
38 T	Carbon Tetrachloride	0.633	0.567	10.4	115	0.00
39 T	Methylcyclohexane	0.596	0.565	5.2	125	0.00
40 TM	Benzene	1.453	1.405	3.3	127	0.00
41 T	Methacrylonitrile	0.145	0.125	13.8	104	-0.01
42 TM	1,2-Dichloroethane	0.460	0.410	10.9	114	0.00
43 T	Isopropyl Acetate	0.447	0.440	1.6	126	0.00
44 TM	Trichloroethene	0.424	0.401	5.4	123	0.00
45 C	1,2-Dichloropropane	0.324	0.339	-4.6#	135	0.00
46 T	Dibromomethane	0.204	0.195	4.4	122	0.00
47 T	Bromodichloromethane	0.518	0.512	1.2	125	0.00
48 T	Methyl methacrylate	0.200	0.197	1.5	124	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	124	0.00
50 S	Toluene-d8	1.297	1.157	10.8	120	0.00
51 T	4-Methyl-2-Pentanone	0.238	0.235	1.3	125	0.00
52 CM	Toluene	0.962	0.915	4.9#	125	0.00
53 T	t-1,3-Dichloropropene	0.539	0.516	4.3	122	0.00
54 T	cis-1,3-Dichloropropene	0.583	0.578	0.9	126	0.00
55 T	1,1,2-Trichloroethane	0.294	0.288	2.0	122	0.00
56 T	Ethyl methacrylate	0.386	0.386	0.0	123	0.00
57 T	1,3-Dichloropropane	0.486	0.480	1.2	125	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.141	0.0	130	0.00
59 T	2-Hexanone	0.167	0.164	1.8	121	0.00
60 T	Dibromochloromethane	0.388	0.371	4.4	120	0.00
61 T	1,2-Dibromoethane	0.282	0.269	4.6	124	0.00
62 S	4-Bromofluorobenzene	0.453	0.424	6.4	123	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	122	0.00
64 T	Tetrachloroethene	0.490	0.472	3.7	123	0.00
65 PM	Chlorobenzene	1.142	1.111	2.7	123	0.00
66 T	1,1,1,2-Tetrachloroethane	0.441	0.433	1.8	122	0.00
67 C	Ethyl Benzene	2.041	1.983	2.8#	122	0.00
68 T	m/p-Xylenes	0.801	0.777	3.0	123	0.00
69 T	o-Xylene	0.762	0.744	2.4	122	0.00
70 T	Styrene	1.295	1.263	2.5	120	0.00
71 P	Bromoform	0.280	0.267	4.6	117	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	120	0.00
73 T	Isopropylbenzene	3.956	3.993	-0.9	121	0.00
74 T	N-amyl acetate	0.817	0.851	-4.2	123	0.00
75 P	1,1,2,2-Tetrachloroethane	0.666	0.672	-0.9	123	0.00
76 T	1,2,3-Trichloropropane	0.571	0.555	2.8	127	0.00
77 T	Bromobenzene	0.944	0.925	2.0	120	0.00
78 T	n-propylbenzene	4.619	4.687	-1.5	123	0.00
79 T	2-Chlorotoluene	2.642	2.648	-0.2	123	0.00
80 T	1,3,5-Trimethylbenzene	3.393	3.372	0.6	120	0.00
81 T	trans-1,4-Dichloro-2-butene	0.257	0.256	0.4	120	0.00
82 T	4-Chlorotoluene	2.763	2.699	2.3	119	0.00
83 T	tert-Butylbenzene	2.973	2.933	1.3	117	0.00
84 T	1,2,4-Trimethylbenzene	3.359	3.355	0.1	121	0.00
85 T	sec-Butylbenzene	4.273	4.312	-0.9	120	0.00
86 T	p-Isopropyltoluene	3.702	3.687	0.4	119	0.00
87 T	1,3-Dichlorobenzene	1.892	1.827	3.4	119	0.00
88 T	1,4-Dichlorobenzene	1.890	1.815	4.0	119	0.00
89 T	n-Butylbenzene	3.208	3.290	-2.6	122	0.00
90 T	Hexachloroethane	0.687	0.685	0.3	121	0.00
91 T	1,2-Dichlorobenzene	1.685	1.623	3.7	118	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.132	0.118	10.6	111	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.013	3.6	119	0.00
94 T	Hexachlorobutadiene	0.634	0.632	0.3	121	0.00
95 T	Naphthalene	2.079	1.965	5.5	114	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.913	0.872	4.5	118	0.00

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