

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011023\
 Data File : VY012148.D
 Acq On : 10 Jan 2023 17:46
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 11 03:10:34 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	88	0.00
2 T	Dichlorodifluoromethane	0.448	0.383	14.5	86	0.00
3 P	Chloromethane	0.411	0.346	15.8	86	0.00
4 C	Vinyl Chloride	0.486	0.423	13.0#	86	0.00
5 T	Bromomethane	0.372	0.323	13.2	91	0.00
6 T	Chloroethane	0.322	0.296	8.1	91	0.00
7 T	Trichlorofluoromethane	0.968	0.908	6.2	89	0.00
8 T	Diethyl Ether	0.296	0.286	3.4	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.498	0.479	3.8	89	0.00
10 T	Methyl Iodide	0.676	0.612	9.5	83	0.00
11 T	Tert butyl alcohol	0.083	0.058	30.1#	84	0.00
12 CM	1,1-Dichloroethene	0.489	0.456	6.7#	89	0.00
13 T	Acrolein	0.036	0.025	30.6#	83	0.00
14 T	Allyl chloride	0.659	0.599	9.1	85	0.00
15 T	Acrylonitrile	0.139	0.142	-2.2	95	0.00
16 T	Acetone	0.132	0.128	3.0	91	0.00
17 T	Carbon Disulfide	1.378	1.094	20.6	85	0.00
18 T	Methyl Acetate	0.380	0.350	7.9	91	0.00
19 T	Methyl tert-butyl Ether	1.438	1.464	-1.8	91	0.00
20 T	Methylene Chloride	0.688	0.686	0.3	107	0.00
21 T	trans-1,2-Dichloroethene	0.541	0.516	4.6	90	0.00
22 T	Diisopropyl ether	1.355	1.380	-1.8	91	0.00
23 T	Vinyl Acetate	0.820	0.840	-2.4	91	0.00
24 P	1,1-Dichloroethane	0.901	0.901	0.0	92	0.00
25 T	2-Butanone	0.174	0.167	4.0	91	0.00
26 T	2,2-Dichloropropane	0.972	0.939	3.4	90	0.00
27 T	cis-1,2-Dichloroethene	0.618	0.628	-1.6	92	0.00
28 T	Bromochloromethane	0.228	0.207	9.2	86	0.00
29 T	Tetrahydrofuran	0.102	0.101	1.0	91	0.00
30 C	Chloroform	1.028	1.074	-4.5#	94	0.00
31 T	Cyclohexane	0.808	0.680	15.8	84	0.00
32 T	1,1,1-Trichloroethane	0.998	1.013	-1.5	92	0.00
33 S	1,2-Dichloroethane-d4	0.562	0.512	8.9	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.329	0.310	5.8	86	0.00
36 T	1,1-Dichloropropene	0.499	0.483	3.2	92	0.00
37 T	Ethyl Acetate	0.267	0.246	7.9	92	0.00
38 T	Carbon Tetrachloride	0.633	0.647	-2.2	93	0.00
39 T	Methylcyclohexane	0.596	0.564	5.4	88	0.00
40 TM	Benzene	1.453	1.436	1.2	92	0.00
41 T	Methacrylonitrile	0.145	0.125	13.8	74	-0.02
42 TM	1,2-Dichloroethane	0.460	0.482	-4.8	95	0.00
43 T	Isopropyl Acetate	0.447	0.446	0.2	90	0.00
44 TM	Trichloroethene	0.424	0.425	-0.2	93	0.00
45 C	1,2-Dichloropropane	0.324	0.332	-2.5#	93	0.00
46 T	Dibromomethane	0.204	0.215	-5.4	95	0.00
47 T	Bromodichloromethane	0.518	0.557	-7.5	96	0.00
48 T	Methyl methacrylate	0.200	0.203	-1.5	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	99	0.00
50 S	Toluene-d8	1.297	1.180	9.0	87	0.00
51 T	4-Methyl-2-Pentanone	0.238	0.248	-4.2	93	0.00
52 CM	Toluene	0.962	0.977	-1.6#	95	0.00
53 T	t-1,3-Dichloropropene	0.539	0.560	-3.9	93	0.00
54 T	cis-1,3-Dichloropropene	0.583	0.601	-3.1	92	0.00
55 T	1,1,2-Trichloroethane	0.294	0.321	-9.2	96	0.00
56 T	Ethyl methacrylate	0.386	0.419	-8.5	95	0.00
57 T	1,3-Dichloropropane	0.486	0.518	-6.6	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.138	2.1	89	0.00
59 T	2-Hexanone	0.167	0.180	-7.8	94	0.00
60 T	Dibromochloromethane	0.388	0.428	-10.3	98	0.00
61 T	1,2-Dibromoethane	0.282	0.294	-4.3	96	0.00
62 S	4-Bromofluorobenzene	0.453	0.440	2.9	90	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.490	0.494	-0.8	97	0.00
65 PM	Chlorobenzene	1.142	1.138	0.4	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.441	0.459	-4.1	97	0.00
67 C	Ethyl Benzene	2.041	2.043	-0.1#	95	0.00
68 T	m/p-Xylenes	0.801	0.803	-0.2	96	0.00
69 T	o-Xylene	0.762	0.779	-2.2	96	0.00
70 T	Styrene	1.295	1.335	-3.1	96	0.00
71 P	Bromoform	0.280	0.294	-5.0	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.956	3.876	2.0	95	0.00
74 T	N-amyl acetate	0.817	0.788	3.5	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.666	0.657	1.4	97	0.00
76 T	1,2,3-Trichloropropane	0.571	0.455	20.3	84	0.00
77 T	Bromobenzene	0.944	0.946	-0.2	100	0.00
78 T	n-propylbenzene	4.619	4.507	2.4	96	0.00
79 T	2-Chlorotoluene	2.642	2.589	2.0	97	0.00
80 T	1,3,5-Trimethylbenzene	3.393	3.398	-0.1	98	0.00
81 T	trans-1,4-Dichloro-2-butene	0.257	0.247	3.9	94	0.00
82 T	4-Chlorotoluene	2.763	2.716	1.7	97	0.00
83 T	tert-Butylbenzene	2.973	2.918	1.8	95	0.00
84 T	1,2,4-Trimethylbenzene	3.359	3.360	-0.0	98	0.00
85 T	sec-Butylbenzene	4.273	4.260	0.3	96	0.00
86 T	p-Isopropyltoluene	3.702	3.717	-0.4	97	0.00
87 T	1,3-Dichlorobenzene	1.892	1.874	1.0	98	0.00
88 T	1,4-Dichlorobenzene	1.890	1.833	3.0	97	0.00
89 T	n-Butylbenzene	3.208	3.214	-0.2	97	0.00
90 T	Hexachloroethane	0.687	0.678	1.3	97	0.00
91 T	1,2-Dichlorobenzene	1.685	1.691	-0.4	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.132	0.128	3.0	98	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.072	-2.0	102	0.00
94 T	Hexachlorobutadiene	0.634	0.646	-1.9	100	0.00
95 T	Naphthalene	2.079	2.187	-5.2	103	0.00

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96 T	1,2,3-Trichlorobenzene	0.913	0.946	-3.6	104	0.00

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