

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010623\
 Data File : VY012101.D
 Acq On : 06 Jan 2023 18:57
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 07 01:50:12 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	87	0.00
2 T	Dichlorodifluoromethane	0.448	0.383	14.5	85	0.00
3 P	Chloromethane	0.411	0.351	14.6	87	0.00
4 C	Vinyl Chloride	0.486	0.416	14.4#	84	0.00
5 T	Bromomethane	0.372	0.329	11.6	91	0.00
6 T	Chloroethane	0.322	0.295	8.4	90	0.00
7 T	Trichlorofluoromethane	0.968	0.895	7.5	87	0.00
8 T	Diethyl Ether	0.296	0.310	-4.7	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.498	0.465	6.6	85	0.00
10 T	Methyl Iodide	0.676	0.632	6.5	85	0.00
11 T	Tert butyl alcohol	0.083	0.072	13.3	103	0.00
12 CM	1,1-Dichloroethene	0.489	0.456	6.7#	88	0.00
13 T	Acrolein	0.036	0.030	16.7	101	0.00
14 T	Allyl chloride	0.659	0.641	2.7	90	0.00
15 T	Acrylonitrile	0.139	0.161	-15.8	106	0.00
16 T	Acetone	0.132	0.127	3.8	90	0.00
17 T	Carbon Disulfide	1.378	1.122	18.6	87	0.00
18 T	Methyl Acetate	0.380	0.413	-8.7	106	0.00
19 T	Methyl tert-butyl Ether	1.438	1.627	-13.1	101	0.00
20 T	Methylene Chloride	0.688	0.599	12.9	93	0.00
21 T	trans-1,2-Dichloroethene	0.541	0.522	3.5	91	0.00
22 T	Diisopropyl ether	1.355	1.473	-8.7	97	0.00
23 T	Vinyl Acetate	0.820	0.938	-14.4	101	0.00
24 P	1,1-Dichloroethane	0.901	0.920	-2.1	93	0.00
25 T	2-Butanone	0.174	0.194	-11.5	104	0.00
26 T	2,2-Dichloropropane	0.972	0.927	4.6	88	0.00
27 T	cis-1,2-Dichloroethene	0.618	0.639	-3.4	93	0.00
28 T	Bromochloromethane	0.228	0.236	-3.5	97	0.00
29 T	Tetrahydrofuran	0.102	0.123	-20.6	110	0.00
30 C	Chloroform	1.028	1.092	-6.2#	95	0.00
31 T	Cyclohexane	0.808	0.698	13.6	86	0.00
32 T	1,1,1-Trichloroethane	0.998	1.018	-2.0	91	0.00
33 S	1,2-Dichloroethane-d4	0.562	0.566	-0.7	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.329	0.323	1.8	91	0.00
36 T	1,1-Dichloropropene	0.499	0.472	5.4	91	0.00
37 T	Ethyl Acetate	0.267	0.279	-4.5	106	0.00
38 T	Carbon Tetrachloride	0.633	0.623	1.6	91	0.00
39 T	Methylcyclohexane	0.596	0.550	7.7	87	0.00
40 TM	Benzene	1.453	1.419	2.3	92	0.00
41 T	Methacrylonitrile	0.145	0.150	-3.4	90	-0.01
42 TM	1,2-Dichloroethane	0.460	0.499	-8.5	100	0.00
43 T	Isopropyl Acetate	0.447	0.514	-15.0	106	0.00
44 TM	Trichloroethene	0.424	0.422	0.5	94	0.00
45 C	1,2-Dichloropropane	0.324	0.337	-4.0#	96	0.00
46 T	Dibromomethane	0.204	0.225	-10.3	101	0.00
47 T	Bromodichloromethane	0.518	0.564	-8.9	99	0.00
48 T	Methyl methacrylate	0.200	0.236	-18.0	107	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	117	0.00
50 S	Toluene-d8	1.297	1.207	6.9	90	0.00
51 T	4-Methyl-2-Pentanone	0.238	0.288	-21.0	110	0.00
52 CM	Toluene	0.962	0.967	-0.5#	95	0.00
53 T	t-1,3-Dichloropropene	0.539	0.584	-8.3	99	0.00
54 T	cis-1,3-Dichloropropene	0.583	0.622	-6.7	97	0.00
55 T	1,1,2-Trichloroethane	0.294	0.329	-11.9	100	0.00
56 T	Ethyl methacrylate	0.386	0.454	-17.6	104	0.00
57 T	1,3-Dichloropropane	0.486	0.538	-10.7	101	0.00
58 T	2-Chloroethyl Vinyl ether	0.141	0.160	-13.5	106	0.00
59 T	2-Hexanone	0.167	0.204	-22.2	109	0.00
60 T	Dibromochloromethane	0.388	0.437	-12.6	102	0.00
61 T	1,2-Dibromoethane	0.282	0.312	-10.6	104	0.00
62 S	4-Bromofluorobenzene	0.453	0.453	0.0	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.490	0.482	1.6	96	0.00
65 PM	Chlorobenzene	1.142	1.141	0.1	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.441	0.464	-5.2	99	0.00
67 C	Ethyl Benzene	2.041	2.012	1.4#	94	0.00
68 T	m/p-Xylenes	0.801	0.798	0.4	96	0.00
69 T	o-Xylene	0.762	0.775	-1.7	97	0.00
70 T	Styrene	1.295	1.340	-3.5	97	0.00
71 P	Bromoform	0.280	0.316	-12.9	106	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.956	3.826	3.3	95	0.00
74 T	N-amyl acetate	0.817	0.918	-12.4	108	0.00
75 P	1,1,2,2-Tetrachloroethane	0.666	0.714	-7.2	107	0.00
76 T	1,2,3-Trichloropropane	0.571	0.594	-4.0	111	0.00
77 T	Bromobenzene	0.944	0.939	0.5	100	0.00
78 T	n-propylbenzene	4.619	4.434	4.0	95	0.00
79 T	2-Chlorotoluene	2.642	2.535	4.0	96	0.00
80 T	1,3,5-Trimethylbenzene	3.393	3.305	2.6	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.257	0.276	-7.4	106	0.00
82 T	4-Chlorotoluene	2.763	2.683	2.9	97	0.00
83 T	tert-Butylbenzene	2.973	2.906	2.3	95	0.00
84 T	1,2,4-Trimethylbenzene	3.359	3.314	1.3	97	0.00
85 T	sec-Butylbenzene	4.273	4.143	3.0	95	0.00
86 T	p-Isopropyltoluene	3.702	3.599	2.8	95	0.00
87 T	1,3-Dichlorobenzene	1.892	1.862	1.6	99	0.00
88 T	1,4-Dichlorobenzene	1.890	1.842	2.5	99	0.00
89 T	n-Butylbenzene	3.208	3.118	2.8	95	0.00
90 T	Hexachloroethane	0.687	0.668	2.8	96	0.00
91 T	1,2-Dichlorobenzene	1.685	1.721	-2.1	103	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.132	0.149	-12.9	115	0.00
93 T	1,2,4-Trichlorobenzene	1.051	1.105	-5.1	106	0.00
94 T	Hexachlorobutadiene	0.634	0.638	-0.6	100	0.00
95 T	Naphthalene	2.079	2.413	-16.1	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.913	0.980	-7.3	109	0.00

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