

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032423\
 Data File : VY013070.D
 Acq On : 24 Mar 2023 11:15
 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: Mar 25 03:51:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 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	84	0.00
2 T	Dichlorodifluoromethane	0.493	0.534	-8.3	96	0.00
3 P	Chloromethane	0.589	0.539	8.5	84	0.00
4 C	Vinyl Chloride	0.540	0.551	-2.0#	88	0.00
5 T	Bromomethane	0.328	0.344	-4.9	91	0.00
6 T	Chloroethane	0.324	0.334	-3.1	88	0.00
7 T	Trichlorofluoromethane	0.897	0.886	1.2	86	0.00
8 T	Diethyl Ether	0.314	0.318	-1.3	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.590	-9.3	94	0.00
10 T	Methyl Iodide	0.703	0.761	-8.3	86	0.00
11 T	Tert butyl alcohol	0.070	0.049	30.0#	74	0.00
12 CM	1,1-Dichloroethene	0.515	0.559	-8.5#	92	0.00
13 T	Acrolein	0.087	0.061	29.9#	60	0.00
14 T	Allyl chloride	0.951	1.032	-8.5	91	0.00
15 T	Acrylonitrile	0.166	0.162	2.4	82	0.00
16 T	Acetone	0.195	0.201	-3.1	81	0.00
17 T	Carbon Disulfide	1.753	1.763	-0.6	86	0.00
18 T	Methyl Acetate	0.580	0.571	1.6	82	0.00
19 T	Methyl tert-butyl Ether	1.330	1.383	-4.0	85	0.00
20 T	Methylene Chloride	0.714	0.676	5.3	94	0.00
21 T	trans-1,2-Dichloroethene	0.560	0.603	-7.7	91	0.00
22 T	Diisopropyl ether	1.727	1.927	-11.6	92	0.00
23 T	Vinyl Acetate	1.073	1.134	-5.7	85	0.00
24 P	1,1-Dichloroethane	0.984	1.084	-10.2	93	0.00
25 T	2-Butanone	0.241	0.245	-1.7	81	0.00
26 T	2,2-Dichloropropane	0.874	0.944	-8.0	93	0.00
27 T	cis-1,2-Dichloroethene	0.600	0.664	-10.7	92	0.00
28 T	Bromochloromethane	0.360	0.382	-6.1	88	0.00
29 T	Tetrahydrofuran	0.146	0.149	-2.1	83	0.00
30 C	Chloroform	0.972	1.030	-6.0#	89	0.00
31 T	Cyclohexane	0.951	0.922	3.0	84	0.00
32 T	1,1,1-Trichloroethane	0.879	0.897	-2.0	86	0.00
33 S	1,2-Dichloroethane-d4	0.496	0.532	-7.3	92	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.302	0.325	-7.6	93	0.00
36 T	1,1-Dichloropropene	0.506	0.523	-3.4	89	0.00
37 T	Ethyl Acetate	0.319	0.320	-0.3	89	0.00
38 T	Carbon Tetrachloride	0.522	0.551	-5.6	90	0.00
39 T	Methylcyclohexane	0.601	0.625	-4.0	87	0.00
40 TM	Benzene	1.430	1.452	-1.5	87	0.00
41 T	Methacrylonitrile	0.172	0.145	15.7	71	0.00
42 TM	1,2-Dichloroethane	0.430	0.443	-3.0	87	0.00
43 T	Isopropyl Acetate	0.569	0.553	2.8	81	0.00
44 TM	Trichloroethene	0.377	0.372	1.3	84	0.00
45 C	1,2-Dichloropropane	0.361	0.385	-6.6#	93	0.00
46 T	Dibromomethane	0.206	0.205	0.5	84	0.00
47 T	Bromodichloromethane	0.485	0.483	0.4	85	0.00
48 T	Methyl methacrylate	0.262	0.270	-3.1	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	84	0.00
50 S	Toluene-d8	1.103	1.029	6.7	82	0.00
51 T	4-Methyl-2-Pentanone	0.308	0.301	2.3	80	0.00
52 CM	Toluene	0.863	0.867	-0.5#	85	0.00
53 T	t-1,3-Dichloropropene	0.509	0.492	3.3	81	0.00
54 T	cis-1,3-Dichloropropene	0.576	0.570	1.0	83	0.00
55 T	1,1,2-Trichloroethane	0.287	0.262	8.7	78	0.00
56 T	Ethyl methacrylate	0.382	0.361	5.5	76	0.00
57 T	1,3-Dichloropropane	0.489	0.459	6.1	79	0.00
58 T	2-Chloroethyl Vinyl ether	0.201	0.189	6.0	76	0.00
59 T	2-Hexanone	0.224	0.220	1.8	79	0.00
60 T	Dibromochloromethane	0.349	0.336	3.7	82	0.00
61 T	1,2-Dibromoethane	0.276	0.256	7.2	79	0.00
62 S	4-Bromofluorobenzene	0.372	0.443	-19.1	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	88	0.00
64 T	Tetrachloroethene	0.364	0.343	5.8	83	0.00
65 PM	Chlorobenzene	1.049	1.058	-0.9	88	0.00
66 T	1,1,1,2-Tetrachloroethane	0.388	0.395	-1.8	89	0.00
67 C	Ethyl Benzene	1.845	1.941	-5.2#	90	0.00
68 T	m/p-Xylenes	0.710	0.745	-4.9	89	0.00
69 T	o-Xylene	0.662	0.703	-6.2	92	0.00
70 T	Styrene	1.105	1.183	-7.1	90	0.00
71 P	Bromoform	0.253	0.252	0.4	87	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	98	0.00
73 T	Isopropylbenzene	3.544	3.439	3.0	92	0.00
74 T	N-amyl acetate	1.115	1.010	9.4	84	0.00
75 P	1,1,2,2-Tetrachloroethane	0.797	0.705	11.5	86	0.00
76 T	1,2,3-Trichloropropane	0.597	0.483	19.1	78	0.00
77 T	Bromobenzene	0.861	0.805	6.5	90	0.00
78 T	n-propylbenzene	4.369	4.335	0.8	93	0.00
79 T	2-Chlorotoluene	2.428	2.380	2.0	93	0.00
80 T	1,3,5-Trimethylbenzene	2.924	2.907	0.6	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.288	0.254	11.8	83	0.00
82 T	4-Chlorotoluene	2.513	2.441	2.9	93	0.00
83 T	tert-Butylbenzene	2.524	2.508	0.6	93	0.00
84 T	1,2,4-Trimethylbenzene	2.860	2.840	0.7	93	0.00
85 T	sec-Butylbenzene	3.851	3.812	1.0	94	0.00
86 T	p-Isopropyltoluene	3.147	3.170	-0.7	95	0.00
87 T	1,3-Dichlorobenzene	1.660	1.608	3.1	93	0.00
88 T	1,4-Dichlorobenzene	1.694	1.605	5.3	92	0.00
89 T	n-Butylbenzene	3.013	2.979	1.1	93	0.00
90 T	Hexachloroethane	0.655	0.638	2.6	96	0.00
91 T	1,2-Dichlorobenzene	1.501	1.432	4.6	92	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.129	0.110	14.7	80	0.00
93 T	1,2,4-Trichlorobenzene	0.924	0.867	6.2	88	0.00
94 T	Hexachlorobutadiene	0.564	0.534	5.3	94	0.00
95 T	Naphthalene	1.852	1.692	8.6	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.822	0.756	8.0	88	0.00

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