

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016421.D
 Acq On : 20 Nov 2023 10:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 21 05:10:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 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	86	0.01
2 T	Dichlorodifluoromethane	0.490	0.469	4.3	88	0.01
3 P	Chloromethane	0.573	0.555	3.1	89	0.01
4 C	Vinyl Chloride	0.617	0.583	5.5#	85	0.01
5 T	Bromomethane	0.405	0.381	5.9	85	0.01
6 T	Chloroethane	0.393	0.375	4.6	86	0.01
7 T	Trichlorofluoromethane	0.897	0.928	-3.5	90	0.01
8 T	Diethyl Ether	0.268	0.273	-1.9	88	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.551	-2.0	91	0.01
10 T	Methyl Iodide	0.584	0.608	-4.1	88	0.01
11 T	Tert butyl alcohol	0.036	0.032	11.1	80	0.00
12 CM	1,1-Dichloroethene	0.505	0.511	-1.2#	89	0.01
13 T	Acrolein	0.043	0.041	4.7	80	0.01
14 T	Allyl chloride	0.717	0.663	7.5	79	0.01
15 T	Acrylonitrile	0.106	0.111	-4.7	88	0.01
16 T	Acetone	0.076	0.090	-18.4	107	0.00
17 T	Carbon Disulfide	1.525	1.452	4.8	84	0.01
18 T	Methyl Acetate	0.402	0.451	-12.2	96	0.01
19 T	Methyl tert-butyl Ether	1.223	1.250	-2.2	87	0.02
20 T	Methylene Chloride	0.610	0.794	-30.2#	124	0.02
21 T	trans-1,2-Dichloroethene	0.582	0.588	-1.0	90	0.02
22 T	Diisopropyl ether	1.545	1.461	5.4	80	0.00
23 T	Vinyl Acetate	0.749	0.692	7.6	77	0.01
24 P	1,1-Dichloroethane	0.953	0.964	-1.2	88	0.00
25 T	2-Butanone	0.132	0.138	-4.5	90	0.00
26 T	2,2-Dichloropropane	0.868	0.906	-4.4	91	0.01
27 T	cis-1,2-Dichloroethene	0.627	0.655	-4.5	91	0.00
28 T	Bromochloromethane	0.353	0.370	-4.8	91	0.01
29 T	Tetrahydrofuran	0.088	0.085	3.4	81	0.00
30 C	Chloroform	0.992	1.049	-5.7#	93	0.00
31 T	Cyclohexane	0.900	0.817	9.2	83	0.00
32 T	1,1,1-Trichloroethane	0.910	0.965	-6.0	93	0.01
33 S	1,2-Dichloroethane-d4	0.457	0.465	-1.8	90	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	85	0.00
35 S	Dibromofluoromethane	0.284	0.321	-13.0	97	0.00
36 T	1,1-Dichloropropene	0.493	0.490	0.6	85	0.01
37 T	Ethyl Acetate	0.199	0.184	7.5	78	0.00
38 T	Carbon Tetrachloride	0.512	0.562	-9.8	94	0.00
39 T	Methylcyclohexane	0.615	0.605	1.6	83	0.00
40 TM	Benzene	1.386	1.430	-3.2	87	0.01
41 T	Methacrylonitrile	0.100	0.104	-4.0	90	0.00
42 TM	1,2-Dichloroethane	0.359	0.382	-6.4	89	0.01
43 T	Isopropyl Acetate	0.385	0.356	7.5	76	0.00
44 TM	Trichloroethene	0.398	0.416	-4.5	90	0.00
45 C	1,2-Dichloropropane	0.333	0.345	-3.6#	86	0.00
46 T	Dibromomethane	0.180	0.192	-6.7	89	0.00
47 T	Bromodichloromethane	0.464	0.503	-8.4	91	0.00
48 T	Methyl methacrylate	0.213	0.208	2.3	79	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	82	0.00
50 S	Toluene-d8	1.152	1.190	-3.3	89	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.190	2.6	80	0.00
52 CM	Toluene	0.876	0.914	-4.3#	88	0.00
53 T	t-1,3-Dichloropropene	0.449	0.479	-6.7	88	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.572	-6.5	89	0.00
55 T	1,1,2-Trichloroethane	0.249	0.270	-8.4	90	0.00
56 T	Ethyl methacrylate	0.235	0.247	-5.1	84	0.00
57 T	1,3-Dichloropropane	0.424	0.448	-5.7	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.167	-5.0	81	0.00
59 T	2-Hexanone	0.145	0.144	0.7	86	0.00
60 T	Dibromochloromethane	0.311	0.349	-12.2	92	0.00
61 T	1,2-Dibromoethane	0.237	0.260	-9.7	91	0.00
62 S	4-Bromofluorobenzene	0.374	0.384	-2.7	88	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.449	0.465	-3.6	88	0.00
65 PM	Chlorobenzene	1.068	1.126	-5.4	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.429	-8.9	92	0.00
67 C	Ethyl Benzene	1.920	2.022	-5.3#	89	0.00
68 T	m/p-Xylenes	0.728	0.773	-6.2	89	0.00
69 T	o-Xylene	0.676	0.722	-6.8	88	0.00
70 T	Styrene	0.968	1.057	-9.2	90	0.00
71 P	Bromoform	0.204	0.229	-12.3	93	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	4.049	4.225	-4.3	90	0.00
74 T	N-amyl acetate	0.813	0.721	11.3	73	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.678	-4.3	90	0.00
76 T	1,2,3-Trichloropropane	0.480	0.507	-5.6	97	0.00
77 T	Bromobenzene	0.915	0.970	-6.0	90	0.00
78 T	n-propylbenzene	4.785	4.928	-3.0	89	0.00
79 T	2-Chlorotoluene	2.637	2.710	-2.8	88	0.00
80 T	1,3,5-Trimethylbenzene	3.264	3.403	-4.3	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.221	0.234	-5.9	91	0.00
82 T	4-Chlorotoluene	2.725	2.799	-2.7	89	0.00
83 T	tert-Butylbenzene	2.875	3.033	-5.5	90	0.00
84 T	1,2,4-Trimethylbenzene	3.214	3.376	-5.0	90	0.00
85 T	sec-Butylbenzene	4.108	4.297	-4.6	90	0.00
86 T	p-Isopropyltoluene	3.537	3.713	-5.0	89	0.00
87 T	1,3-Dichlorobenzene	1.761	1.861	-5.7	92	0.00
88 T	1,4-Dichlorobenzene	1.721	1.800	-4.6	91	0.00
89 T	n-Butylbenzene	3.267	3.346	-2.4	86	0.00
90 T	Hexachloroethane	0.682	0.696	-2.1	89	0.00
91 T	1,2-Dichlorobenzene	1.509	1.574	-4.3	90	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.096	6.8	83	0.00
93 T	1,2,4-Trichlorobenzene	0.881	0.907	-3.0	89	0.00
94 T	Hexachlorobutadiene	0.504	0.539	-6.9	93	0.00
95 T	Naphthalene	1.575	1.619	-2.8	88	0.00

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96 T	1,2,3-Trichlorobenzene	0.728	0.742	-1.9	91	0.00

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