

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016497.D
 Acq On : 24 Nov 2023 20:09
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 27 04:50:29 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	80	0.02
2 T	Dichlorodifluoromethane	0.490	0.470	4.1	82	0.01
3 P	Chloromethane	0.573	0.528	7.9	78	0.00
4 C	Vinyl Chloride	0.617	0.602	2.4#	82	0.00
5 T	Bromomethane	0.405	0.404	0.2	84	0.00
6 T	Chloroethane	0.393	0.385	2.0	82	0.01
7 T	Trichlorofluoromethane	0.897	0.951	-6.0	86	0.01
8 T	Diethyl Ether	0.268	0.316	-17.9	95	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.550	-1.9	85	0.02
10 T	Methyl Iodide	0.584	0.671	-14.9	91	0.01
11 T	Tert butyl alcohol	0.036	0.041	-13.9	95	0.01
12 CM	1,1-Dichloroethene	0.505	0.529	-4.8#	86	0.01
13 T	Acrolein	0.043	0.035	18.6	64	0.02
14 T	Allyl chloride	0.717	0.675	5.9	75	0.01
15 T	Acrylonitrile	0.106	0.126	-18.9	93	0.01
16 T	Acetone	0.076	0.092	-21.1	103	0.02
17 T	Carbon Disulfide	1.525	1.583	-3.8	85	0.02
18 T	Methyl Acetate	0.402	0.545	-35.6#	108	0.02
19 T	Methyl tert-butyl Ether	1.223	1.459	-19.3	95	0.02
20 T	Methylene Chloride	0.610	0.624	-2.3	91	0.02
21 T	trans-1,2-Dichloroethene	0.582	0.641	-10.1	91	0.02
22 T	Diisopropyl ether	1.545	1.533	0.8	78	0.01
23 T	Vinyl Acetate	0.749	0.725	3.2	75	0.02
24 P	1,1-Dichloroethane	0.953	1.002	-5.1	85	0.01
25 T	2-Butanone	0.132	0.150	-13.6	91	0.01
26 T	2,2-Dichloropropane	0.868	0.846	2.5	79	0.01
27 T	cis-1,2-Dichloroethene	0.627	0.714	-13.9	92	0.01
28 T	Bromochloromethane	0.353	0.366	-3.7	84	0.01
29 T	Tetrahydrofuran	0.088	0.101	-14.8	89	0.01
30 C	Chloroform	0.992	1.122	-13.1#	92	0.01
31 T	Cyclohexane	0.900	0.797	11.4	75	0.01
32 T	1,1,1-Trichloroethane	0.910	1.014	-11.4	91	0.02
33 S	1,2-Dichloroethane-d4	0.457	0.504	-10.3	91	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.01
35 S	Dibromofluoromethane	0.284	0.337	-18.7	96	0.00
36 T	1,1-Dichloropropene	0.493	0.504	-2.2	83	0.02
37 T	Ethyl Acetate	0.199	0.212	-6.5	85	0.02
38 T	Carbon Tetrachloride	0.512	0.575	-12.3	91	0.01
39 T	Methylcyclohexane	0.615	0.625	-1.6	82	0.01
40 TM	Benzene	1.386	1.525	-10.0	88	0.01
41 T	Methacrylonitrile	0.100	0.097	3.0	80	0.00
42 TM	1,2-Dichloroethane	0.359	0.418	-16.4	92	0.02
43 T	Isopropyl Acetate	0.385	0.404	-4.9	82	0.01
44 TM	Trichloroethene	0.398	0.465	-16.8	95	0.00
45 C	1,2-Dichloropropane	0.333	0.358	-7.5#	85	0.01
46 T	Dibromomethane	0.180	0.221	-22.8	97	0.00
47 T	Bromodichloromethane	0.464	0.535	-15.3	92	0.01
48 T	Methyl methacrylate	0.213	0.235	-10.3	84	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	99	0.00
50 S	Toluene-d8	1.152	1.247	-8.2	88	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.223	-14.4	89	0.00
52 CM	Toluene	0.876	0.985	-12.4#	90	0.01
53 T	t-1,3-Dichloropropene	0.449	0.528	-17.6	92	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.605	-12.7	89	0.00
55 T	1,1,2-Trichloroethane	0.249	0.312	-25.3#	99	0.00
56 T	Ethyl methacrylate	0.235	0.295	-25.5#	95	0.00
57 T	1,3-Dichloropropane	0.424	0.509	-20.0	94	0.01
58 T	2-Chloroethyl Vinyl ether	0.159	0.193	-21.4	88	0.00
59 T	2-Hexanone	0.145	0.156	-7.6	89	0.00
60 T	Dibromochloromethane	0.311	0.405	-30.2#	101	0.00
61 T	1,2-Dibromoethane	0.237	0.298	-25.7#	99	0.00
62 S	4-Bromofluorobenzene	0.374	0.430	-15.0	94	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	84	0.00
64 T	Tetrachloroethene	0.449	0.549	-22.3	102	0.01
65 PM	Chlorobenzene	1.068	1.193	-11.7	94	0.01
66 T	1,1,1,2-Tetrachloroethane	0.394	0.466	-18.3	98	0.01
67 C	Ethyl Benzene	1.920	2.057	-7.1#	89	0.01
68 T	m/p-Xylenes	0.728	0.802	-10.2	91	0.00
69 T	o-Xylene	0.676	0.769	-13.8	92	0.01
70 T	Styrene	0.968	1.126	-16.3	94	0.00
71 P	Bromoform	0.204	0.275	-34.8#	109	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	4.049	4.186	-3.4	90	0.01
74 T	N-amyl acetate	0.813	0.752	7.5	77	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.745	-14.6	100	0.00
76 T	1,2,3-Trichloropropane	0.480	0.549	-14.4	106	0.00
77 T	Bromobenzene	0.915	1.039	-13.6	98	0.01
78 T	n-propylbenzene	4.785	4.771	0.3	87	0.01
79 T	2-Chlorotoluene	2.637	2.727	-3.4	90	0.01
80 T	1,3,5-Trimethylbenzene	3.264	3.449	-5.7	92	0.01
81 T	trans-1,4-Dichloro-2-butene	0.221	0.239	-8.1	94	0.01
82 T	4-Chlorotoluene	2.725	2.805	-2.9	90	0.01
83 T	tert-Butylbenzene	2.875	3.011	-4.7	91	0.01
84 T	1,2,4-Trimethylbenzene	3.214	3.407	-6.0	92	0.00
85 T	sec-Butylbenzene	4.108	4.172	-1.6	89	0.00
86 T	p-Isopropyltoluene	3.537	3.689	-4.3	90	0.00
87 T	1,3-Dichlorobenzene	1.761	1.918	-8.9	96	0.01
88 T	1,4-Dichlorobenzene	1.721	1.888	-9.7	97	0.01
89 T	n-Butylbenzene	3.267	3.234	1.0	85	0.01
90 T	Hexachloroethane	0.682	0.727	-6.6	94	0.00
91 T	1,2-Dichlorobenzene	1.509	1.691	-12.1	99	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.118	-14.6	104	0.00
93 T	1,2,4-Trichlorobenzene	0.881	1.028	-16.7	102	0.01
94 T	Hexachlorobutadiene	0.504	0.566	-12.3	100	0.00
95 T	Naphthalene	1.575	2.017	-28.1#	111	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.728	0.869	-19.4	108	0.00

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