

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112423\
 Data File : VY016474.D
 Acq On : 24 Nov 2023 09:42
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Nov 27 04:38:42 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	92	0.00
2 T	Dichlorodifluoromethane	0.490	0.472	3.7	95	0.00
3 P	Chloromethane	0.573	0.488	14.8	83	0.00
4 C	Vinyl Chloride	0.617	0.572	7.3#	89	0.00
5 T	Bromomethane	0.405	0.376	7.2	90	0.00
6 T	Chloroethane	0.393	0.357	9.2	87	0.00
7 T	Trichlorofluoromethane	0.897	0.939	-4.7	97	0.00
8 T	Diethyl Ether	0.268	0.258	3.7	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.547	-1.3	96	0.00
10 T	Methyl Iodide	0.584	0.634	-8.6	98	0.00
11 T	Tert butyl alcohol	0.036	0.028	22.2	74	0.00
12 CM	1,1-Dichloroethene	0.505	0.517	-2.4#	96	0.00
13 T	Acrolein	0.043	0.029	32.6#	61	0.00
14 T	Allyl chloride	0.717	0.617	13.9	78	0.00
15 T	Acrylonitrile	0.106	0.094	11.3	79	-0.01
16 T	Acetone	0.076	0.074	2.6	94	0.00
17 T	Carbon Disulfide	1.525	1.495	2.0	92	0.00
18 T	Methyl Acetate	0.402	0.338	15.9	77	0.00
19 T	Methyl tert-butyl Ether	1.223	1.151	5.9	85	0.00
20 T	Methylene Chloride	0.610	0.547	10.3	91	0.00
21 T	trans-1,2-Dichloroethene	0.582	0.577	0.9	94	0.00
22 T	Diisopropyl ether	1.545	1.312	15.1	77	0.00
23 T	Vinyl Acetate	0.749	0.619	17.4	73	0.00
24 P	1,1-Dichloroethane	0.953	0.886	7.0	86	-0.01
25 T	2-Butanone	0.132	0.111	15.9	77	0.00
26 T	2,2-Dichloropropane	0.868	0.870	-0.2	93	0.00
27 T	cis-1,2-Dichloroethene	0.627	0.632	-0.8	93	0.00
28 T	Bromochloromethane	0.353	0.329	6.8	87	0.00
29 T	Tetrahydrofuran	0.088	0.070	20.5	71	0.00
30 C	Chloroform	0.992	0.988	0.4#	93	0.00
31 T	Cyclohexane	0.900	0.781	13.2	84	0.00
32 T	1,1,1-Trichloroethane	0.910	0.950	-4.4	97	0.00
33 S	1,2-Dichloroethane-d4	0.457	0.420	8.1	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.284	0.315	-10.9	98	0.00
36 T	1,1-Dichloropropene	0.493	0.498	-1.0	89	0.00
37 T	Ethyl Acetate	0.199	0.161	19.1	70	0.00
38 T	Carbon Tetrachloride	0.512	0.579	-13.1	99	0.00
39 T	Methylcyclohexane	0.615	0.644	-4.7	91	0.00
40 TM	Benzene	1.386	1.421	-2.5	89	0.00
41 T	Methacrylonitrile	0.100	0.106	-6.0	94	0.00
42 TM	1,2-Dichloroethane	0.359	0.359	0.0	86	0.00
43 T	Isopropyl Acetate	0.385	0.321	16.6	71	0.00
44 TM	Trichloroethene	0.398	0.431	-8.3	95	0.00
45 C	1,2-Dichloropropane	0.333	0.325	2.4#	84	0.00
46 T	Dibromomethane	0.180	0.185	-2.8	88	0.00
47 T	Bromodichloromethane	0.464	0.484	-4.3	90	0.00
48 T	Methyl methacrylate	0.213	0.183	14.1	71	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	-0.01
50 S	Toluene-d8	1.152	1.168	-1.4	90	0.00
51 T	4-Methyl-2-Pentanone	0.195	0.166	14.9	72	0.00
52 CM	Toluene	0.876	0.927	-5.8#	92	0.00
53 T	t-1,3-Dichloropropene	0.449	0.461	-2.7	87	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.555	-3.4	88	0.00
55 T	1,1,2-Trichloroethane	0.249	0.267	-7.2	92	0.00
56 T	Ethyl methacrylate	0.235	0.232	1.3	81	0.00
57 T	1,3-Dichloropropane	0.424	0.433	-2.1	86	0.00
58 T	2-Chloroethyl Vinyl ether	0.159	0.157	1.3	78	0.00
59 T	2-Hexanone	0.145	0.119	17.9	74	0.00
60 T	Dibromochloromethane	0.311	0.350	-12.5	95	0.00
61 T	1,2-Dibromoethane	0.237	0.252	-6.3	91	0.00
62 S	4-Bromofluorobenzene	0.374	0.394	-5.3	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.449	0.507	-12.9	99	0.00
65 PM	Chlorobenzene	1.068	1.139	-6.6	95	0.00
66 T	1,1,1,2-Tetrachloroethane	0.394	0.436	-10.7	97	0.00
67 C	Ethyl Benzene	1.920	2.024	-5.4#	92	0.00
68 T	m/p-Xylenes	0.728	0.782	-7.4	94	0.00
69 T	o-Xylene	0.676	0.738	-9.2	93	0.00
70 T	Styrene	0.968	1.069	-10.4	95	0.00
71 P	Bromoform	0.204	0.232	-13.7	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	4.049	4.158	-2.7	95	0.00
74 T	N-amyl acetate	0.813	0.649	20.2	70	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.605	6.9	86	0.00
76 T	1,2,3-Trichloropropane	0.480	0.456	5.0	94	0.00
77 T	Bromobenzene	0.915	0.957	-4.6	96	0.00
78 T	n-propylbenzene	4.785	4.767	0.4	92	0.00
79 T	2-Chlorotoluene	2.637	2.639	-0.1	92	0.00
80 T	1,3,5-Trimethylbenzene	3.264	3.415	-4.6	96	0.00
81 T	trans-1,4-Dichloro-2-butene	0.221	0.213	3.6	89	0.00
82 T	4-Chlorotoluene	2.725	2.751	-1.0	94	0.00
83 T	tert-Butylbenzene	2.875	3.004	-4.5	96	0.00
84 T	1,2,4-Trimethylbenzene	3.214	3.354	-4.4	95	0.00
85 T	sec-Butylbenzene	4.108	4.217	-2.7	95	0.00
86 T	p-Isopropyltoluene	3.537	3.752	-6.1	97	0.00
87 T	1,3-Dichlorobenzene	1.761	1.844	-4.7	98	0.00
88 T	1,4-Dichlorobenzene	1.721	1.824	-6.0	99	0.00
89 T	n-Butylbenzene	3.267	3.368	-3.1	93	0.00
90 T	Hexachloroethane	0.682	0.717	-5.1	98	0.00
91 T	1,2-Dichlorobenzene	1.509	1.592	-5.5	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.098	4.9	92	0.00
93 T	1,2,4-Trichlorobenzene	0.881	1.014	-15.1	107	0.00
94 T	Hexachlorobutadiene	0.504	0.608	-20.6	113	0.00
95 T	Naphthalene	1.575	1.755	-11.4	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.728	0.841	-15.5	111	0.00

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