

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120722\
 Data File : VY011722.D
 Acq On : 07 Dec 2022 09:36
 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: Dec 08 07:54:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 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	98	0.00
2 T	Dichlorodifluoromethane	0.326	0.296	9.2	111	0.00
3 P	Chloromethane	0.482	0.380	21.2	86	0.00
4 C	Vinyl Chloride	0.566	0.451	20.3#	84	0.00
5 T	Bromomethane	0.421	0.308	26.8#	84	0.00
6 T	Chloroethane	0.395	0.317	19.7	86	0.00
7 T	Trichlorofluoromethane	0.830	0.857	-3.3	111	0.00
8 T	Diethyl Ether	0.268	0.287	-7.1	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.480	0.513	-6.9	111	0.00
10 T	Methyl Iodide	0.559	0.593	-6.1	99	0.00
11 T	Tert butyl alcohol	0.066	0.055	16.7	110	0.00
12 CM	1,1-Dichloroethene	0.439	0.458	-4.3#	107	-0.01
13 T	Acrolein	0.013	0.009	30.8#	107	0.00
14 T	Allyl chloride	0.771	0.769	0.3	98	-0.01
15 T	Acrylonitrile	0.146	0.159	-8.9	112	-0.01
16 T	Acetone	0.165	0.183	-10.9	115	0.00
17 T	Carbon Disulfide	1.218	1.116	8.4	93	0.00
18 T	Methyl Acetate	0.435	0.371	14.7	105	-0.01
19 T	Methyl tert-butyl Ether	1.254	1.427	-13.8	113	0.00
20 T	Methylene Chloride	0.834	0.583	30.1#	90	0.00
21 T	trans-1,2-Dichloroethene	0.508	0.530	-4.3	104	-0.01
22 T	Diisopropyl ether	1.684	1.744	-3.6	100	0.00
23 T	Vinyl Acetate	0.981	1.048	-6.8	100	0.00
24 P	1,1-Dichloroethane	0.989	1.023	-3.4	106	-0.01
25 T	2-Butanone	0.217	0.221	-1.8	105	0.00
26 T	2,2-Dichloropropane	0.912	0.982	-7.7	110	0.00
27 T	cis-1,2-Dichloroethene	0.598	0.630	-5.4	104	0.00
28 T	Bromochloromethane	0.397	0.371	6.5	93	-0.01
29 T	Tetrahydrofuran	0.122	0.125	-2.5	104	0.00
30 C	Chloroform	1.025	1.109	-8.2#	110	0.00
31 T	Cyclohexane	0.842	0.804	4.5	98	0.00
32 T	1,1,1-Trichloroethane	0.917	0.992	-8.2	111	-0.01
33 S	1,2-Dichloroethane-d4	0.508	0.487	4.1	108	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.308	0.322	-4.5	111	0.00
36 T	1,1-Dichloropropene	0.481	0.507	-5.4	103	0.00
37 T	Ethyl Acetate	0.274	0.281	-2.6	103	0.00
38 T	Carbon Tetrachloride	0.538	0.600	-11.5	112	0.00
39 T	Methylcyclohexane	0.537	0.576	-7.3	101	0.00
40 TM	Benzene	1.402	1.482	-5.7	103	0.00
41 T	Methacrylonitrile	0.139	0.165	-18.7	125	0.00
42 TM	1,2-Dichloroethane	0.433	0.458	-5.8	107	0.00
43 T	Isopropyl Acetate	0.494	0.506	-2.4	101	0.00
44 TM	Trichloroethene	0.377	0.411	-9.0	109	0.00
45 C	1,2-Dichloropropane	0.358	0.380	-6.1#	104	0.00
46 T	Dibromomethane	0.200	0.211	-5.5	106	0.00
47 T	Bromodichloromethane	0.505	0.553	-9.5	109	0.00
48 T	Methyl methacrylate	0.220	0.229	-4.1	101	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	116	0.00
50 S	Toluene-d8	1.119	1.079	3.6	103	0.00
51 T	4-Methyl-2-Pentanone	0.275	0.291	-5.8	103	0.00
52 CM	Toluene	0.886	0.951	-7.3#	103	0.00
53 T	t-1,3-Dichloropropene	0.504	0.549	-8.9	107	0.00
54 T	cis-1,3-Dichloropropene	0.567	0.615	-8.5	106	0.00
55 T	1,1,2-Trichloroethane	0.287	0.311	-8.4	109	0.00
56 T	Ethyl methacrylate	0.356	0.406	-14.0	109	0.00
57 T	1,3-Dichloropropane	0.485	0.527	-8.7	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.175	0.177	-1.1	95	0.00
59 T	2-Hexanone	0.196	0.214	-9.2	105	0.00
60 T	Dibromochloromethane	0.351	0.392	-11.7	111	0.00
61 T	1,2-Dibromoethane	0.262	0.281	-7.3	107	0.00
62 S	4-Bromofluorobenzene	0.414	0.422	-1.9	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.412	0.463	-12.4	107	0.00
65 PM	Chlorobenzene	1.047	1.157	-10.5	105	0.00
66 T	1,1,1,2-Tetrachloroethane	0.397	0.459	-15.6	108	0.00
67 C	Ethyl Benzene	1.890	2.101	-11.2#	103	0.00
68 T	m/p-Xylenes	0.720	0.811	-12.6	103	0.00
69 T	o-Xylene	0.670	0.770	-14.9	103	0.00
70 T	Styrene	1.144	1.326	-15.9	104	0.00
71 P	Bromoform	0.241	0.272	-12.9	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.616	4.145	-14.6	104	0.00
74 T	N-amyl acetate	0.893	0.958	-7.3	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.713	0.754	-5.8	104	0.00
76 T	1,2,3-Trichloropropane	0.538	0.593	-10.2	98	0.00
77 T	Bromobenzene	0.844	0.936	-10.9	106	0.00
78 T	n-propylbenzene	4.412	4.982	-12.9	102	0.00
79 T	2-Chlorotoluene	2.487	2.768	-11.3	103	0.00
80 T	1,3,5-Trimethylbenzene	3.048	3.509	-15.1	104	0.00
81 T	trans-1,4-Dichloro-2-butene	0.246	0.273	-11.0	109	0.00
82 T	4-Chlorotoluene	2.600	2.894	-11.3	103	0.00
83 T	tert-Butylbenzene	2.655	3.075	-15.8	105	0.00
84 T	1,2,4-Trimethylbenzene	3.011	3.451	-14.6	104	0.00
85 T	sec-Butylbenzene	3.962	4.564	-15.2	104	0.00
86 T	p-Isopropyltoluene	3.306	3.825	-15.7	104	0.00
87 T	1,3-Dichlorobenzene	1.719	1.883	-9.5	104	0.00
88 T	1,4-Dichlorobenzene	1.719	1.864	-8.4	104	0.00
89 T	n-Butylbenzene	3.039	3.499	-15.1	103	0.00
90 T	Hexachloroethane	0.668	0.731	-9.4	107	0.00
91 T	1,2-Dichlorobenzene	1.524	1.685	-10.6	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.117	0.128	-9.4	108	0.00
93 T	1,2,4-Trichlorobenzene	0.845	1.005	-18.9	113	0.00
94 T	Hexachlorobutadiene	0.525	0.639	-21.7	119	0.00
95 T	Naphthalene	1.581	1.954	-23.6	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.864	-19.3	115	0.00

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