

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\YY112322\
 Data File : VY011588.D
 Acq On : 23 Nov 2022 20:14
 Operator : KP/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 24 00:40:06 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	88	0.00
2 T	Dichlorodifluoromethane	0.326	0.249	23.6	84	0.00
3 P	Chloromethane	0.482	0.425	11.8	86	0.00
4 C	Vinyl Chloride	0.566	0.486	14.1#	82	0.00
5 T	Bromomethane	0.421	0.339	19.5	83	0.00
6 T	Chloroethane	0.395	0.330	16.5	80	0.00
7 T	Trichlorofluoromethane	0.830	0.802	3.4	93	0.00
8 T	Diethyl Ether	0.268	0.297	-10.8	104	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.480	0.487	-1.5	95	0.00
10 T	Methyl Iodide	0.559	0.559	0.0	84	0.00
11 T	Tert butyl alcohol	0.066	0.059	10.6	105	0.00
12 CM	1,1-Dichloroethene	0.439	0.444	-1.1#	93	0.00
13 T	Acrolein	0.013	0.013	0.0	134	0.00
14 T	Allyl chloride	0.771	0.839	-8.8	96	0.00
15 T	Acrylonitrile	0.146	0.178	-21.9	113	0.00
16 T	Acetone	0.165	0.153	7.3	86	0.00
17 T	Carbon Disulfide	1.218	1.199	1.6	90	0.00
18 T	Methyl Acetate	0.435	0.449	-3.2	113	0.00
19 T	Methyl tert-butyl Ether	1.254	1.449	-15.6	103	0.00
20 T	Methylene Chloride	0.834	0.669	19.8	93	0.00
21 T	trans-1,2-Dichloroethene	0.508	0.526	-3.5	93	0.00
22 T	Diisopropyl ether	1.684	1.917	-13.8	98	0.00
23 T	Vinyl Acetate	0.981	1.199	-22.2	103	0.00
24 P	1,1-Dichloroethane	0.989	1.037	-4.9	97	0.00
25 T	2-Butanone	0.217	0.235	-8.3	100	0.00
26 T	2,2-Dichloropropane	0.912	0.880	3.5	88	0.00
27 T	cis-1,2-Dichloroethene	0.598	0.634	-6.0	94	0.00
28 T	Bromochloromethane	0.397	0.443	-11.6	100	0.00
29 T	Tetrahydrofuran	0.122	0.153	-25.4#	114	0.00
30 C	Chloroform	1.025	1.095	-6.8#	98	0.00
31 T	Cyclohexane	0.842	0.844	-0.2	92	0.00
32 T	1,1,1-Trichloroethane	0.917	0.938	-2.3	94	0.00
33 S	1,2-Dichloroethane-d4	0.508	0.557	-9.6	111	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	93	0.00
35 S	Dibromofluoromethane	0.308	0.329	-6.8	109	0.00
36 T	1,1-Dichloropropene	0.481	0.474	1.5	92	0.00
37 T	Ethyl Acetate	0.274	0.319	-16.4	112	0.00
38 T	Carbon Tetrachloride	0.538	0.519	3.5	92	0.00
39 T	Methylcyclohexane	0.537	0.539	-0.4	91	0.00
40 TM	Benzene	1.402	1.411	-0.6	94	0.00
41 T	Methacrylonitrile	0.139	0.165	-18.7	120	0.00
42 TM	1,2-Dichloroethane	0.433	0.445	-2.8	99	0.00
43 T	Isopropyl Acetate	0.494	0.556	-12.6	107	0.00
44 TM	Trichloroethene	0.377	0.365	3.2	92	0.00
45 C	1,2-Dichloropropane	0.358	0.374	-4.5#	98	0.00
46 T	Dibromomethane	0.200	0.210	-5.0	101	0.00
47 T	Bromodichloromethane	0.505	0.523	-3.6	98	0.00
48 T	Methyl methacrylate	0.220	0.259	-17.7	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	113	0.00
50 S	Toluene-d8	1.119	1.142	-2.1	104	0.00
51 T	4-Methyl-2-Pentanone	0.275	0.331	-20.4	112	0.00
52 CM	Toluene	0.886	0.909	-2.6#	94	0.00
53 T	t-1,3-Dichloropropene	0.504	0.524	-4.0	97	0.00
54 T	cis-1,3-Dichloropropene	0.567	0.586	-3.4	97	0.00
55 T	1,1,2-Trichloroethane	0.287	0.302	-5.2	101	0.00
56 T	Ethyl methacrylate	0.356	0.415	-16.6	106	0.00
57 T	1,3-Dichloropropane	0.485	0.516	-6.4	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.175	0.188	-7.4	97	0.00
59 T	2-Hexanone	0.196	0.226	-15.3	106	0.00
60 T	Dibromochloromethane	0.351	0.369	-5.1	100	0.00
61 T	1,2-Dibromoethane	0.262	0.279	-6.5	102	0.00
62 S	4-Bromofluorobenzene	0.414	0.445	-7.5	106	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	94	0.00
64 T	Tetrachloroethene	0.412	0.406	1.5	93	0.00
65 PM	Chlorobenzene	1.047	1.044	0.3	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.397	0.397	0.0	93	0.00
67 C	Ethyl Benzene	1.890	1.913	-1.2#	92	0.00
68 T	m/p-Xylenes	0.720	0.729	-1.3	91	0.00
69 T	o-Xylene	0.670	0.697	-4.0	93	0.00
70 T	Styrene	1.144	1.197	-4.6	93	0.00
71 P	Bromoform	0.241	0.254	-5.4	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.616	3.693	-2.1	91	0.00
74 T	N-amyl acetate	0.893	1.008	-12.9	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.713	0.767	-7.6	104	0.00
76 T	1,2,3-Trichloropropane	0.538	0.605	-12.5	98	0.00
77 T	Bromobenzene	0.844	0.840	0.5	93	0.00
78 T	n-propylbenzene	4.412	4.472	-1.4	90	0.00
79 T	2-Chlorotoluene	2.487	2.517	-1.2	92	0.00
80 T	1,3,5-Trimethylbenzene	3.048	3.125	-2.5	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.246	0.266	-8.1	104	0.00
82 T	4-Chlorotoluene	2.600	2.604	-0.2	91	0.00
83 T	tert-Butylbenzene	2.655	2.698	-1.6	90	0.00
84 T	1,2,4-Trimethylbenzene	3.011	3.100	-3.0	91	0.00
85 T	sec-Butylbenzene	3.962	4.009	-1.2	90	0.00
86 T	p-Isopropyltoluene	3.306	3.356	-1.5	89	0.00
87 T	1,3-Dichlorobenzene	1.719	1.674	2.6	91	0.00
88 T	1,4-Dichlorobenzene	1.719	1.657	3.6	91	0.00
89 T	n-Butylbenzene	3.039	3.085	-1.5	89	0.00
90 T	Hexachloroethane	0.668	0.653	2.2	93	0.00
91 T	1,2-Dichlorobenzene	1.524	1.521	0.2	93	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.117	0.129	-10.3	106	0.00
93 T	1,2,4-Trichlorobenzene	0.845	0.829	1.9	91	0.00
94 T	Hexachlorobutadiene	0.525	0.501	4.6	91	0.00
95 T	Naphthalene	1.581	1.795	-13.5	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.724	0.733	-1.2	96	0.00

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