

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081422\
 Data File : VY010027.D
 Acq On : 15 Aug 2022 02:51
 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: Aug 15 06:24:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081222S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 13 02:54:57 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	17#	0.00
2 T	Dichlorodifluoromethane	0.449	0.453	-0.9	18#	0.00
3 P	Chloromethane	0.330	0.301	8.8	15#	0.00
4 C	Vinyl Chloride	0.347	0.311	10.4#	15#	0.00
5 T	Bromomethane	0.277	0.281	-1.4	19#	0.01
6 T	Chloroethane	0.230	0.215	6.5	17#	0.01
7 T	Trichlorofluoromethane	0.861	0.861	0.0	17#	0.00
8 T	Diethyl Ether	0.324	0.293	9.6	15#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.553	0.525	5.1	16#	0.01
10 T	Methyl Iodide	0.662	0.754	-13.9	18#	0.01
11 T	Tert butyl alcohol	0.056	0.053	5.4	17#	0.00
12 CM	1,1-Dichloroethene	0.537	0.491	8.6#	16#	0.01
13 T	Acrolein	0.065	0.049	24.6	12#	0.01
14 T	Allyl chloride	0.749	0.524	30.0#	12#	0.02
15 T	Acrylonitrile	0.155	0.166	-7.1	18#	0.00
16 T	Acetone	0.122	0.114	6.6	15#	0.00
17 T	Carbon Disulfide	1.747	1.602	8.3	16#	0.01
18 T	Methyl Acetate	0.384	0.319	16.9	15#	0.00
19 T	Methyl tert-butyl Ether	1.312	1.323	-0.8	16#	0.00
20 T	Methylene Chloride	0.809	0.740	8.5	19#	0.01
21 T	trans-1,2-Dichloroethene	0.597	0.590	1.2	17#	0.01
22 T	Diisopropyl ether	1.513	1.290	14.7	14#	0.00
23 T	Vinyl Acetate	0.935	0.830	11.2	14#	0.00
24 P	1,1-Dichloroethane	0.966	0.932	3.5	16#	0.00
25 T	2-Butanone	0.189	0.172	9.0	15#	0.00
26 T	2,2-Dichloropropane	0.856	0.705	17.6	14#	0.00
27 T	cis-1,2-Dichloroethene	0.641	0.674	-5.1	17#	0.01
28 T	Bromochloromethane	0.386	0.305	21.0	13#	0.00
29 T	Tetrahydrofuran	0.119	0.106	10.9	15#	0.00
30 C	Chloroform	0.999	1.050	-5.1#	18#	0.00
31 T	Cyclohexane	0.908	0.705	22.4	14#	0.00
32 T	1,1,1-Trichloroethane	0.849	0.897	-5.7	17#	0.00
33 S	1,2-Dichloroethane-d4	0.507	0.591	-16.6	19#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	16#	0.00
35 S	Dibromofluoromethane	0.306	0.372	-21.6	19#	0.00
36 T	1,1-Dichloropropene	0.456	0.430	5.7	15#	0.00
37 T	Ethyl Acetate	0.246	0.206	16.3	14#	0.00
38 T	Carbon Tetrachloride	0.455	0.530	-16.5	19#	0.00
39 T	Methylcyclohexane	0.549	0.511	6.9	15#	0.00
40 TM	Benzene	1.379	1.432	-3.8	17#	0.00
41 T	Methacrylonitrile	0.131	0.112	14.5	14#	-0.01
42 TM	1,2-Dichloroethane	0.357	0.423	-18.5	19#	0.00
43 T	Isopropyl Acetate	0.427	0.401	6.1	15#	0.00
44 TM	Trichloroethene	0.373	0.401	-7.5	17#	0.00
45 C	1,2-Dichloropropane	0.331	0.332	-0.3#	17#	0.00
46 T	Dibromomethane	0.199	0.228	-14.6	18#	0.00
47 T	Bromodichloromethane	0.443	0.501	-13.1	18#	0.00
48 T	Methyl methacrylate	0.187	0.182	2.7	16#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	21#	0.00
50 S	Toluene-d8	1.173	1.331	-13.5	18#	0.00
51 T	4-Methyl-2-Pentanone	0.231	0.228	1.3	16#	0.00
52 CM	Toluene	0.830	0.926	-11.6#	17#	0.00
53 T	t-1,3-Dichloropropene	0.455	0.468	-2.9	16#	0.00
54 T	cis-1,3-Dichloropropene	0.526	0.543	-3.2	16#	0.00
55 T	1,1,2-Trichloroethane	0.285	0.334	-17.2	19#	0.00
56 T	Ethyl methacrylate	0.352	0.355	-0.9	15#	0.00
57 T	1,3-Dichloropropane	0.462	0.518	-12.1	18#	0.00
58 T	2-Chloroethyl Vinyl ether	0.154	0.130	15.6	14#	0.00
59 T	2-Hexanone	0.160	0.153	4.4	15#	0.00
60 T	Dibromochloromethane	0.325	0.387	-19.1	18#	0.00
61 T	1,2-Dibromoethane	0.273	0.334	-22.3	19#	0.00
62 S	4-Bromofluorobenzene	0.430	0.455	-5.8	17#	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	17#	0.00
64 T	Tetrachloroethene	0.365	0.426	-16.7	20#	0.00
65 PM	Chlorobenzene	1.015	1.031	-1.6	17#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.362	0.425	-17.4	20#	0.00
67 C	Ethyl Benzene	1.706	1.639	3.9#	16#	0.00
68 T	m/p-Xylenes	0.661	0.673	-1.8	17#	0.00
69 T	o-Xylene	0.626	0.628	-0.3	17#	0.00
70 T	Styrene	1.067	1.075	-0.7	17#	0.00
71 P	Bromoform	0.228	0.272	-19.3	20#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	19#	0.00
73 T	Isopropylbenzene	3.356	3.015	10.2	16#	0.00
74 T	N-amyl acetate	0.858	0.642	25.2#	14#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.775	0.774	0.1	19#	0.00
76 T	1,2,3-Trichloropropane	0.578	0.643	-11.2	23#	0.00
77 T	Bromobenzene	0.812	0.794	2.2	18#	0.00
78 T	n-propylbenzene	4.212	3.767	10.6	16#	0.00
79 T	2-Chlorotoluene	2.392	2.229	6.8	17#	0.00
80 T	1,3,5-Trimethylbenzene	2.742	2.699	1.6	17#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.266	0.235	11.7	16#	0.00
82 T	4-Chlorotoluene	2.492	2.349	5.7	17#	0.00
83 T	tert-Butylbenzene	2.410	2.260	6.2	17#	0.00
84 T	1,2,4-Trimethylbenzene	2.753	2.629	4.5	17#	0.00
85 T	sec-Butylbenzene	3.692	3.478	5.8	17#	0.00
86 T	p-Isopropyltoluene	2.915	2.819	3.3	17#	0.00
87 T	1,3-Dichlorobenzene	1.600	1.602	-0.1	19#	0.00
88 T	1,4-Dichlorobenzene	1.664	1.553	6.7	18#	0.00
89 T	n-Butylbenzene	2.814	2.464	12.4	15#	0.00
90 T	Hexachloroethane	0.625	0.615	1.6	18#	0.00
91 T	1,2-Dichlorobenzene	1.439	1.514	-5.2	19#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.124	0.112	9.7	17#	0.00
93 T	1,2,4-Trichlorobenzene	0.819	0.644	21.4	14#	0.00
94 T	Hexachlorobutadiene	0.462	0.449	2.8	18#	0.00
95 T	Naphthalene	1.741	1.325	23.9	13#	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.732	0.594	18.9	14#	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6