

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012280.D
 Acq On : 20 Jan 2023 10:34
 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: Jan 23 02:14:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 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	122	0.00
2 T	Dichlorodifluoromethane	0.437	0.401	8.2	131	0.00
3 P	Chloromethane	0.403	0.385	4.5	128	0.00
4 C	Vinyl Chloride	0.471	0.465	1.3#	130	0.00
5 T	Bromomethane	0.364	0.323	11.3	118	0.00
6 T	Chloroethane	0.307	0.297	3.3	126	0.00
7 T	Trichlorofluoromethane	0.919	0.886	3.6	128	0.00
8 T	Diethyl Ether	0.273	0.274	-0.4	129	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.447	0.475	-6.3	142	0.00
10 T	Methyl Iodide	0.680	0.641	5.7	114	0.00
11 T	Tert butyl alcohol	0.057	0.038	33.3#	101	0.04
12 CM	1,1-Dichloroethene	0.459	0.477	-3.9#	133	0.00
13 T	Acrolein	0.023	0.014	39.1#	103	0.00
14 T	Allyl chloride	0.568	0.627	-10.4	141	0.00
15 T	Acrylonitrile	0.119	0.119	0.0	124	0.00
16 T	Acetone	0.139	0.153	-10.1	121	0.02
17 T	Carbon Disulfide	1.420	1.446	-1.8	131	0.00
18 T	Methyl Acetate	0.312	0.310	0.6	126	0.01
19 T	Methyl tert-butyl Ether	1.280	1.266	1.1	121	0.00
20 T	Methylene Chloride	0.762	0.537	29.5#	115	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.536	-4.7	132	0.00
22 T	Diisopropyl ether	1.132	1.257	-11.0	140	0.00
23 T	Vinyl Acetate	0.705	0.753	-6.8	131	0.00
24 P	1,1-Dichloroethane	0.785	0.839	-6.9	135	0.00
25 T	2-Butanone	0.154	0.167	-8.4	130	0.00
26 T	2,2-Dichloropropane	0.852	0.854	-0.2	128	0.00
27 T	cis-1,2-Dichloroethene	0.563	0.583	-3.6	130	0.00
28 T	Bromochloromethane	0.171	0.168	1.8	129	0.00
29 T	Tetrahydrofuran	0.084	0.087	-3.6	124	0.00
30 C	Chloroform	0.927	0.938	-1.2#	127	0.00
31 T	Cyclohexane	0.729	0.760	-4.3	146	0.00
32 T	1,1,1-Trichloroethane	0.918	0.916	0.2	126	0.00
33 S	1,2-Dichloroethane-d4	0.465	0.380	18.3	113	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	121	0.00
35 S	Dibromofluoromethane	0.265	0.247	6.8	125	0.00
36 T	1,1-Dichloropropene	0.450	0.466	-3.6	133	0.00
37 T	Ethyl Acetate	0.198	0.201	-1.5	124	0.00
38 T	Carbon Tetrachloride	0.581	0.573	1.4	126	0.00
39 T	Methylcyclohexane	0.550	0.596	-8.4	141	0.00
40 TM	Benzene	1.299	1.351	-4.0	133	0.00
41 T	Methacrylonitrile	0.117	0.116	0.9	117	-0.01
42 TM	1,2-Dichloroethane	0.413	0.398	3.6	119	0.00
43 T	Isopropyl Acetate	0.369	0.381	-3.3	125	0.00
44 TM	Trichloroethene	0.388	0.411	-5.9	134	0.00
45 C	1,2-Dichloropropane	0.271	0.298	-10.0#	139	0.00
46 T	Dibromomethane	0.181	0.184	-1.7	125	0.00
47 T	Bromodichloromethane	0.457	0.465	-1.8	127	0.00
48 T	Methyl methacrylate	0.170	0.175	-2.9	120	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	112	0.02
50 S	Toluene-d8	1.044	0.901	13.7	123	0.00
51 T	4-Methyl-2-Pentanone	0.197	0.204	-3.6	125	0.00
52 CM	Toluene	0.865	0.890	-2.9#	129	0.00
53 T	t-1,3-Dichloropropene	0.478	0.490	-2.5	125	0.00
54 T	cis-1,3-Dichloropropene	0.514	0.531	-3.3	127	0.00
55 T	1,1,2-Trichloroethane	0.258	0.269	-4.3	128	0.00
56 T	Ethyl methacrylate	0.338	0.356	-5.3	125	0.00
57 T	1,3-Dichloropropane	0.421	0.441	-4.8	129	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.108	3.6	121	0.00
59 T	2-Hexanone	0.150	0.164	-9.3	126	0.00
60 T	Dibromochloromethane	0.342	0.347	-1.5	123	0.00
61 T	1,2-Dibromoethane	0.249	0.250	-0.4	123	0.00
62 S	4-Bromofluorobenzene	0.373	0.334	10.5	122	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	119	0.00
64 T	Tetrachloroethene	0.456	0.510	-11.8	135	0.00
65 PM	Chlorobenzene	1.023	1.059	-3.5	128	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.400	-3.6	124	0.00
67 C	Ethyl Benzene	1.828	1.910	-4.5#	127	0.00
68 T	m/p-Xylenes	0.723	0.756	-4.6	127	0.00
69 T	o-Xylene	0.690	0.723	-4.8	127	0.00
70 T	Styrene	1.154	1.209	-4.8	126	0.00
71 P	Bromoform	0.247	0.253	-2.4	122	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	115	0.00
73 T	Isopropylbenzene	3.605	3.889	-7.9	128	0.00
74 T	N-amyl acetate	0.707	0.766	-8.3	123	0.00
75 P	1,1,2,2-Tetrachloroethane	0.568	0.602	-6.0	123	0.00
76 T	1,2,3-Trichloropropane	0.460	0.468	-1.7	107	0.00
77 T	Bromobenzene	0.868	0.902	-3.9	122	0.00
78 T	n-propylbenzene	4.219	4.518	-7.1	129	0.00
79 T	2-Chlorotoluene	2.385	2.529	-6.0	127	0.00
80 T	1,3,5-Trimethylbenzene	3.134	3.315	-5.8	127	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.239	-7.2	122	0.00
82 T	4-Chlorotoluene	2.506	2.618	-4.5	126	0.00
83 T	tert-Butylbenzene	2.732	2.912	-6.6	130	0.00
84 T	1,2,4-Trimethylbenzene	3.091	3.247	-5.0	124	0.00
85 T	sec-Butylbenzene	3.889	4.151	-6.7	129	0.00
86 T	p-Isopropyltoluene	3.398	3.595	-5.8	128	0.00
87 T	1,3-Dichlorobenzene	1.725	1.771	-2.7	123	0.00
88 T	1,4-Dichlorobenzene	1.721	1.750	-1.7	123	0.00
89 T	n-Butylbenzene	2.945	3.149	-6.9	130	0.00
90 T	Hexachloroethane	0.613	0.656	-7.0	130	0.00
91 T	1,2-Dichlorobenzene	1.540	1.565	-1.6	122	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.117	0.119	-1.7	118	0.00
93 T	1,2,4-Trichlorobenzene	0.987	1.016	-2.9	126	0.00
94 T	Hexachlorobutadiene	0.594	0.625	-5.2	132	0.00
95 T	Naphthalene	1.947	2.025	-4.0	121	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.849	0.879	-3.5	127	0.00

(#) = Out of Range

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