

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016570.D
 Acq On : 01 Dec 2023 18:56
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 01 23:41:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 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	86	-0.01
2 T	Dichlorodifluoromethane	0.436	0.383	12.2	86	0.00
3 P	Chloromethane	0.434	0.332	23.5	71	0.00
4 C	Vinyl Chloride	0.490	0.371	24.3#	70	0.00
5 T	Bromomethane	0.317	0.282	11.0	79	-0.01
6 T	Chloroethane	0.317	0.252	20.5	75	-0.01
7 T	Trichlorofluoromethane	0.849	0.811	4.5	87	-0.01
8 T	Diethyl Ether	0.225	0.241	-7.1	93	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.482	0.450	6.6	86	-0.02
10 T	Methyl Iodide	0.545	0.563	-3.3	92	-0.02
11 T	Tert butyl alcohol	0.025	0.028	-12.0	101	-0.02
12 CM	1,1-Dichloroethene	0.450	0.432	4.0#	86	-0.01
13 T	Acrolein	0.047	0.040	14.9	65	-0.02
14 T	Allyl chloride	0.518	0.492	5.0	83	-0.02
15 T	Acrylonitrile	0.080	0.085	-6.3	88	-0.02
16 T	Acetone	0.077	0.065	15.6	83	-0.01
17 T	Carbon Disulfide	1.271	1.202	5.4	84	-0.01
18 T	Methyl Acetate	0.292	0.322	-10.3	89	-0.01
19 T	Methyl tert-butyl Ether	0.982	1.117	-13.7	96	-0.01
20 T	Methylene Chloride	0.513	0.492	4.1	93	-0.01
21 T	trans-1,2-Dichloroethene	0.502	0.514	-2.4	91	-0.02
22 T	Diisopropyl ether	1.086	1.101	-1.4	87	-0.01
23 T	Vinyl Acetate	0.501	0.507	-1.2	85	-0.01
24 P	1,1-Dichloroethane	0.766	0.769	-0.4	89	-0.01
25 T	2-Butanone	0.107	0.096	10.3	84	-0.01
26 T	2,2-Dichloropropane	0.757	0.723	4.5	86	-0.01
27 T	cis-1,2-Dichloroethene	0.539	0.579	-7.4	94	-0.01
28 T	Bromochloromethane	0.277	0.255	7.9	79	-0.01
29 T	Tetrahydrofuran	0.057	0.061	-7.0	86	-0.01
30 C	Chloroform	0.854	0.913	-6.9#	95	-0.01
31 T	Cyclohexane	0.693	0.584	15.7	79	0.00
32 T	1,1,1-Trichloroethane	0.828	0.850	-2.7	93	-0.01
33 S	1,2-Dichloroethane-d4	0.395	0.426	-7.8	92	-0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	86	0.00
35 S	Dibromofluoromethane	0.293	0.304	-3.8	89	-0.01
36 T	1,1-Dichloropropene	0.433	0.405	6.5	85	0.00
37 T	Ethyl Acetate	0.136	0.140	-2.9	87	-0.01
38 T	Carbon Tetrachloride	0.509	0.515	-1.2	93	-0.01
39 T	Methylcyclohexane	0.541	0.517	4.4	87	0.00
40 TM	Benzene	1.229	1.244	-1.2	92	-0.01
41 T	Methacrylonitrile	0.072	0.083	-15.3	103	0.00
42 TM	1,2-Dichloroethane	0.304	0.332	-9.2	96	0.00
43 T	Isopropyl Acetate	0.267	0.276	-3.4	87	-0.01
44 TM	Trichloroethene	0.378	0.395	-4.5	93	0.00
45 C	1,2-Dichloropropane	0.277	0.278	-0.4#	90	0.00
46 T	Dibromomethane	0.156	0.171	-9.6	96	0.00
47 T	Bromodichloromethane	0.412	0.446	-8.3	97	0.00
48 T	Methyl methacrylate	0.150	0.152	-1.3	84	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.001	0.002	-100.0#	108	-0.01
50 S	Toluene-d8	1.138	1.180	-3.7	90	0.00
51 T	4-Methyl-2-Pentanone	0.139	0.144	-3.6	88	-0.01
52 CM	Toluene	0.789	0.840	-6.5#	95	-0.01
53 T	t-1,3-Dichloropropene	0.381	0.418	-9.7	95	-0.01
54 T	cis-1,3-Dichloropropene	0.462	0.491	-6.3	92	-0.01
55 T	1,1,2-Trichloroethane	0.225	0.249	-10.7	97	0.00
56 T	Ethyl methacrylate	0.190	0.218	-14.7	95	0.00
57 T	1,3-Dichloropropane	0.362	0.396	-9.4	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.118	0.127	-7.6	86	-0.01
59 T	2-Hexanone	0.110	0.102	7.3	86	-0.01
60 T	Dibromochloromethane	0.294	0.342	-16.3	100	-0.01
61 T	1,2-Dibromoethane	0.212	0.237	-11.8	96	-0.01
62 S	4-Bromofluorobenzene	0.357	0.394	-10.4	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	-0.01
64 T	Tetrachloroethene	0.445	0.485	-9.0	103	-0.01
65 PM	Chlorobenzene	1.001	1.044	-4.3	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.384	0.416	-8.3	101	0.00
67 C	Ethyl Benzene	1.758	1.789	-1.8#	95	0.00
68 T	m/p-Xylenes	0.680	0.707	-4.0	97	-0.01
69 T	o-Xylene	0.625	0.674	-7.8	99	0.00
70 T	Styrene	0.899	0.994	-10.6	100	-0.01
71 P	Bromoform	0.198	0.232	-17.2	105	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.792	3.721	1.9	96	0.00
74 T	N-amyl acetate	0.535	0.540	-0.9	92	-0.01
75 P	1,1,2,2-Tetrachloroethane	0.563	0.558	0.9	94	-0.01
76 T	1,2,3-Trichloropropane	0.420	0.431	-2.6	108	-0.01
77 T	Bromobenzene	0.883	0.919	-4.1	102	0.00
78 T	n-propylbenzene	4.338	4.126	4.9	94	0.00
79 T	2-Chlorotoluene	2.413	2.363	2.1	97	0.00
80 T	1,3,5-Trimethylbenzene	3.048	3.092	-1.4	99	0.00
81 T	trans-1,4-Dichloro-2-butene	0.192	0.179	6.8	88	0.00
82 T	4-Chlorotoluene	2.477	2.476	0.0	99	0.00
83 T	tert-Butylbenzene	2.751	2.746	0.2	97	0.00
84 T	1,2,4-Trimethylbenzene	2.968	3.046	-2.6	101	0.00
85 T	sec-Butylbenzene	3.804	3.722	2.2	96	-0.01
86 T	p-Isopropyltoluene	3.287	3.368	-2.5	100	-0.01
87 T	1,3-Dichlorobenzene	1.667	1.720	-3.2	102	0.00
88 T	1,4-Dichlorobenzene	1.632	1.681	-3.0	103	0.00
89 T	n-Butylbenzene	2.881	2.771	3.8	92	0.00
90 T	Hexachloroethane	0.641	0.640	0.2	99	0.00
91 T	1,2-Dichlorobenzene	1.413	1.499	-6.1	104	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.079	0.088	-11.4	106	-0.01
93 T	1,2,4-Trichlorobenzene	0.775	0.879	-13.4	104	0.00
94 T	Hexachlorobutadiene	0.489	0.541	-10.6	106	0.00
95 T	Naphthalene	1.300	1.526	-17.4	104	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.622	0.727	-16.9	108	0.00

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