

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021423\
 Data File : VY012577.D
 Acq On : 14 Feb 2023 09:52
 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: Feb 15 04:23:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 01:09:03 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	82	0.00
2 T	Dichlorodifluoromethane	0.403	0.310	23.1	75	0.00
3 P	Chloromethane	0.390	0.313	19.7	74	0.00
4 C	Vinyl Chloride	0.485	0.426	12.2#	78	0.00
5 T	Bromomethane	0.400	0.345	13.8	81	0.00
6 T	Chloroethane	0.338	0.312	7.7	82	0.00
7 T	Trichlorofluoromethane	0.998	0.971	2.7	85	0.00
8 T	Diethyl Ether	0.296	0.286	3.4	85	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.504	0.484	4.0	81	0.00
10 T	Methyl Iodide	0.653	0.655	-0.3	80	0.00
11 T	Tert butyl alcohol	0.072	0.055	23.6	88	0.00
12 CM	1,1-Dichloroethene	0.498	0.462	7.2#	81	0.00
13 T	Acrolein	0.075	0.077	-2.7	95	0.00
14 T	Allyl chloride	0.607	0.541	10.9	76	0.00
15 T	Acrylonitrile	0.136	0.139	-2.2	90	0.00
16 T	Acetone	0.153	0.170	-11.1	94	0.00
17 T	Carbon Disulfide	1.291	1.066	17.4	75	0.00
18 T	Methyl Acetate	0.368	0.361	1.9	94	0.00
19 T	Methyl tert-butyl Ether	1.457	1.519	-4.3	89	0.00
20 T	Methylene Chloride	0.677	0.527	22.2	76	0.00
21 T	trans-1,2-Dichloroethene	0.543	0.512	5.7	81	0.00
22 T	Diisopropyl ether	1.234	1.168	5.3	78	0.00
23 T	Vinyl Acetate	0.744	0.743	0.1	83	0.00
24 P	1,1-Dichloroethane	0.882	0.828	6.1	80	0.00
25 T	2-Butanone	0.170	0.173	-1.8	91	0.00
26 T	2,2-Dichloropropane	0.969	0.943	2.7	83	0.00
27 T	cis-1,2-Dichloroethene	0.630	0.611	3.0	82	0.00
28 T	Bromochloromethane	0.321	0.337	-5.0	84	0.00
29 T	Tetrahydrofuran	0.092	0.094	-2.2	92	0.00
30 C	Chloroform	1.064	1.047	1.6#	84	0.00
31 T	Cyclohexane	0.735	0.609	17.1	74	0.00
32 T	1,1,1-Trichloroethane	1.032	1.046	-1.4	85	0.00
33 S	1,2-Dichloroethane-d4	0.636	0.673	-5.8	89	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.364	0.402	-10.4	87	0.00
36 T	1,1-Dichloropropene	0.493	0.476	3.4	80	0.00
37 T	Ethyl Acetate	0.222	0.226	-1.8	89	0.00
38 T	Carbon Tetrachloride	0.662	0.690	-4.2	87	0.00
39 T	Methylcyclohexane	0.593	0.562	5.2	78	0.00
40 TM	Benzene	1.456	1.412	3.0	81	0.00
41 T	Methacrylonitrile	0.122	0.102	16.4	64	-0.02
42 TM	1,2-Dichloroethane	0.472	0.496	-5.1	88	0.00
43 T	Isopropyl Acetate	0.412	0.433	-5.1	90	0.00
44 TM	Trichloroethene	0.443	0.434	2.0	82	0.00
45 C	1,2-Dichloropropane	0.316	0.302	4.4#	78	0.00
46 T	Dibromomethane	0.209	0.220	-5.3	90	0.00
47 T	Bromodichloromethane	0.542	0.563	-3.9	85	0.00
48 T	Methyl methacrylate	0.188	0.196	-4.3	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	104	0.00
50 S	Toluene-d8	1.516	1.621	-6.9	84	0.00
51 T	4-Methyl-2-Pentanone	0.222	0.245	-10.4	94	0.00
52 CM	Toluene	0.987	0.987	0.0	82	0.00
53 T	t-1,3-Dichloropropene	0.546	0.576	-5.5	86	0.00
54 T	cis-1,3-Dichloropropene	0.591	0.592	-0.2	82	0.00
55 T	1,1,2-Trichloroethane	0.305	0.324	-6.2	89	0.00
56 T	Ethyl methacrylate	0.384	0.414	-7.8	89	0.00
57 T	1,3-Dichloropropane	0.493	0.515	-4.5	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.172	0.220	-27.9#	106	0.00
59 T	2-Hexanone	0.168	0.189	-12.5	95	0.00
60 T	Dibromochloromethane	0.407	0.444	-9.1	90	0.00
61 T	1,2-Dibromoethane	0.286	0.302	-5.6	89	0.00
62 S	4-Bromofluorobenzene	0.529	0.562	-6.2	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.00
64 T	Tetrachloroethene	0.522	0.459	12.1	70	0.00
65 PM	Chlorobenzene	1.186	1.202	-1.3	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.465	0.497	-6.9	89	0.00
67 C	Ethyl Benzene	2.082	2.115	-1.6#	83	0.00
68 T	m/p-Xylenes	0.831	0.850	-2.3	83	0.00
69 T	o-Xylene	0.791	0.824	-4.2	84	0.00
70 T	Styrene	1.342	1.401	-4.4	85	0.00
71 P	Bromoform	0.294	0.331	-12.6	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	4.045	4.020	0.6	84	0.00
74 T	N-amyl acetate	0.732	0.741	-1.2	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.654	0.694	-6.1	98	0.00
76 T	1,2,3-Trichloropropane	0.559	0.606	-8.4	101	0.00
77 T	Bromobenzene	0.980	0.980	0.0	88	0.00
78 T	n-propylbenzene	4.656	4.568	1.9	83	0.00
79 T	2-Chlorotoluene	2.643	2.596	1.8	85	0.00
80 T	1,3,5-Trimethylbenzene	3.482	3.478	0.1	85	0.00
81 T	trans-1,4-Dichloro-2-butene	0.248	0.245	1.2	89	0.00
82 T	4-Chlorotoluene	2.773	2.673	3.6	83	0.00
83 T	tert-Butylbenzene	3.054	3.055	-0.0	86	0.00
84 T	1,2,4-Trimethylbenzene	3.426	3.479	-1.5	85	0.00
85 T	sec-Butylbenzene	4.369	4.375	-0.1	85	0.00
86 T	p-Isopropyltoluene	3.790	3.881	-2.4	86	0.00
87 T	1,3-Dichlorobenzene	1.951	1.941	0.5	87	0.00
88 T	1,4-Dichlorobenzene	1.954	1.944	0.5	87	0.00
89 T	n-Butylbenzene	3.239	3.271	-1.0	84	0.00
90 T	Hexachloroethane	0.696	0.679	2.4	84	0.00
91 T	1,2-Dichlorobenzene	1.755	1.748	0.4	88	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.130	0.146	-12.3	107	0.00
93 T	1,2,4-Trichlorobenzene	1.087	1.155	-6.3	92	0.00
94 T	Hexachlorobutadiene	0.676	0.684	-1.2	88	0.00
95 T	Naphthalene	2.087	2.390	-14.5	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.941	1.023	-8.7	95	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5