

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012211.D
 Acq On : 16 Jan 2023 19:51
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jan 17 04:52:00 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	102	0.00
2 T	Dichlorodifluoromethane	0.437	0.390	10.8	107	0.00
3 P	Chloromethane	0.403	0.414	-2.7	115	0.00
4 C	Vinyl Chloride	0.471	0.465	1.3#	109	0.00
5 T	Bromomethane	0.364	0.370	-1.6	113	0.00
6 T	Chloroethane	0.307	0.304	1.0	108	0.00
7 T	Trichlorofluoromethane	0.919	0.840	8.6	102	0.00
8 T	Diethyl Ether	0.273	0.282	-3.3	111	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.447	0.423	5.4	106	0.00
10 T	Methyl Iodide	0.680	0.643	5.4	96	0.00
11 T	Tert butyl alcohol	0.057	0.045	21.1	101	0.00
12 CM	1,1-Dichloroethene	0.459	0.446	2.8#	104	0.00
13 T	Acrolein	0.023	0.017	26.1#	107	0.00
14 T	Allyl chloride	0.568	0.600	-5.6	113	0.00
15 T	Acrylonitrile	0.119	0.128	-7.6	111	0.00
16 T	Acetone	0.139	0.121	12.9	80	0.00
17 T	Carbon Disulfide	1.420	1.362	4.1	103	0.00
18 T	Methyl Acetate	0.312	0.338	-8.3	115	0.00
19 T	Methyl tert-butyl Ether	1.280	1.335	-4.3	106	0.00
20 T	Methylene Chloride	0.762	0.566	25.7#	101	0.00
21 T	trans-1,2-Dichloroethene	0.512	0.514	-0.4	106	0.00
22 T	Diisopropyl ether	1.132	1.236	-9.2	115	0.00
23 T	Vinyl Acetate	0.705	0.767	-8.8	111	0.00
24 P	1,1-Dichloroethane	0.785	0.818	-4.2	110	0.00
25 T	2-Butanone	0.154	0.156	-1.3	101	0.00
26 T	2,2-Dichloropropane	0.852	0.822	3.5	103	0.00
27 T	cis-1,2-Dichloroethene	0.563	0.581	-3.2	108	0.00
28 T	Bromochloromethane	0.171	0.175	-2.3	112	0.00
29 T	Tetrahydrofuran	0.084	0.093	-10.7	111	0.00
30 C	Chloroform	0.927	0.955	-3.0#	108	0.00
31 T	Cyclohexane	0.729	0.683	6.3	110	0.00
32 T	1,1,1-Trichloroethane	0.918	0.882	3.9	102	0.00
33 S	1,2-Dichloroethane-d4	0.465	0.423	9.0	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	105	0.00
35 S	Dibromofluoromethane	0.265	0.249	6.0	109	0.00
36 T	1,1-Dichloropropene	0.450	0.421	6.4	104	0.00
37 T	Ethyl Acetate	0.198	0.206	-4.0	111	0.00
38 T	Carbon Tetrachloride	0.581	0.523	10.0	100	0.00
39 T	Methylcyclohexane	0.550	0.528	4.0	108	0.00
40 TM	Benzene	1.299	1.279	1.5	109	0.00
41 T	Methacrylonitrile	0.117	0.110	6.0	96	-0.01
42 TM	1,2-Dichloroethane	0.413	0.412	0.2	106	0.00
43 T	Isopropyl Acetate	0.369	0.389	-5.4	111	0.00
44 TM	Trichloroethene	0.388	0.377	2.8	106	0.00
45 C	1,2-Dichloropropane	0.271	0.282	-4.1#	114	0.00
46 T	Dibromomethane	0.181	0.187	-3.3	110	0.00
47 T	Bromodichloromethane	0.457	0.464	-1.5	109	0.00
48 T	Methyl methacrylate	0.170	0.180	-5.9	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	106	0.00
50 S	Toluene-d8	1.044	0.908	13.0	107	0.00
51 T	4-Methyl-2-Pentanone	0.197	0.209	-6.1	111	0.00
52 CM	Toluene	0.865	0.859	0.7#	108	0.00
53 T	t-1,3-Dichloropropene	0.478	0.482	-0.8	107	0.00
54 T	cis-1,3-Dichloropropene	0.514	0.528	-2.7	109	0.00
55 T	1,1,2-Trichloroethane	0.258	0.268	-3.9	111	0.00
56 T	Ethyl methacrylate	0.338	0.357	-5.6	109	0.00
57 T	1,3-Dichloropropane	0.421	0.438	-4.0	111	0.00
58 T	2-Chloroethyl Vinyl ether	0.112	0.112	0.0	108	0.00
59 T	2-Hexanone	0.150	0.154	-2.7	103	0.00
60 T	Dibromochloromethane	0.342	0.348	-1.8	107	0.00
61 T	1,2-Dibromoethane	0.249	0.259	-4.0	110	0.00
62 S	4-Bromofluorobenzene	0.373	0.352	5.6	111	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	109	0.00
64 T	Tetrachloroethene	0.456	0.457	-0.2	110	0.00
65 PM	Chlorobenzene	1.023	0.993	2.9	109	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.380	1.6	107	0.00
67 C	Ethyl Benzene	1.828	1.755	4.0#	106	0.00
68 T	m/p-Xylenes	0.723	0.696	3.7	106	0.00
69 T	o-Xylene	0.690	0.673	2.5	108	0.00
70 T	Styrene	1.154	1.134	1.7	107	0.00
71 P	Bromoform	0.247	0.245	0.8	107	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.605	3.480	3.5	106	0.00
74 T	N-amyl acetate	0.707	0.726	-2.7	108	0.00
75 P	1,1,2,2-Tetrachloroethane	0.568	0.577	-1.6	109	0.00
76 T	1,2,3-Trichloropropane	0.460	0.406	11.7	86	0.00
77 T	Bromobenzene	0.868	0.854	1.6	107	0.00
78 T	n-propylbenzene	4.219	4.039	4.3	107	0.00
79 T	2-Chlorotoluene	2.385	2.329	2.3	108	0.00
80 T	1,3,5-Trimethylbenzene	3.134	3.018	3.7	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.223	0.226	-1.3	107	0.00
82 T	4-Chlorotoluene	2.506	2.377	5.1	106	0.00
83 T	tert-Butylbenzene	2.732	2.564	6.1	106	0.00
84 T	1,2,4-Trimethylbenzene	3.091	3.006	2.7	106	0.00
85 T	sec-Butylbenzene	3.889	3.665	5.8	105	0.00
86 T	p-Isopropyltoluene	3.398	3.214	5.4	106	0.00
87 T	1,3-Dichlorobenzene	1.725	1.652	4.2	106	0.00
88 T	1,4-Dichlorobenzene	1.721	1.636	4.9	106	0.00
89 T	n-Butylbenzene	2.945	2.807	4.7	107	0.00
90 T	Hexachloroethane	0.613	0.578	5.7	106	0.00
91 T	1,2-Dichlorobenzene	1.540	1.490	3.2	107	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.117	0.120	-2.6	110	0.00
93 T	1,2,4-Trichlorobenzene	0.987	0.952	3.5	109	0.00
94 T	Hexachlorobutadiene	0.594	0.548	7.7	107	0.00
95 T	Naphthalene	1.947	2.002	-2.8	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.849	0.832	2.0	111	0.00

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