

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052423\
 Data File : VY013838.D
 Acq On : 24 May 2023 11:31
 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: May 25 07:06:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 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	95	0.00
2 T	Dichlorodifluoromethane	0.458	0.450	1.7	82	0.00
3 P	Chloromethane	0.558	0.560	-0.4	90	0.00
4 C	Vinyl Chloride	0.571	0.563	1.4#	87	0.00
5 T	Bromomethane	0.453	0.385	15.0	84	0.00
6 T	Chloroethane	0.372	0.349	6.2	87	0.00
7 T	Trichlorofluoromethane	0.960	0.905	5.7	85	0.00
8 T	Diethyl Ether	0.295	0.284	3.7	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.521	0.489	6.1	87	0.00
10 T	Methyl Iodide	0.618	0.639	-3.4	86	0.00
11 T	Tert butyl alcohol	0.044	0.045	-2.3	94	-0.02
12 CM	1,1-Dichloroethene	0.489	0.467	4.5#	85	0.00
13 T	Acrolein	0.067	0.061	9.0	89	0.00
14 T	Allyl chloride	0.893	0.889	0.4	94	0.00
15 T	Acrylonitrile	0.151	0.153	-1.3	92	0.00
16 T	Acetone	0.172	0.190	-10.5	103	0.00
17 T	Carbon Disulfide	1.460	1.468	-0.5	87	0.00
18 T	Methyl Acetate	0.596	0.594	0.3	94	-0.01
19 T	Methyl tert-butyl Ether	1.335	1.326	0.7	89	0.00
20 T	Methylene Chloride	0.686	0.600	12.5	95	0.00
21 T	trans-1,2-Dichloroethene	0.532	0.524	1.5	90	0.00
22 T	Diisopropyl ether	1.724	1.772	-2.8	94	0.00
23 T	Vinyl Acetate	1.004	1.058	-5.4	92	0.00
24 P	1,1-Dichloroethane	1.006	0.974	3.2	91	0.00
25 T	2-Butanone	0.209	0.226	-8.1	98	-0.01
26 T	2,2-Dichloropropane	0.907	0.845	6.8	87	0.00
27 T	cis-1,2-Dichloroethene	0.597	0.576	3.5	88	0.00
28 T	Bromochloromethane	0.295	0.269	8.8	93	-0.01
29 T	Tetrahydrofuran	0.125	0.134	-7.2	91	0.00
30 C	Chloroform	1.020	0.967	5.2#	89	0.00
31 T	Cyclohexane	0.889	0.840	5.5	87	0.00
32 T	1,1,1-Trichloroethane	0.931	0.866	7.0	86	0.00
33 S	1,2-Dichloroethane-d4	0.578	0.548	5.2	94	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	98	0.00
35 S	Dibromofluoromethane	0.323	0.314	2.8	95	0.00
36 T	1,1-Dichloropropene	0.492	0.474	3.7	87	0.00
37 T	Ethyl Acetate	0.300	0.293	2.3	85	0.00
38 T	Carbon Tetrachloride	0.559	0.508	9.1	84	0.00
39 T	Methylcyclohexane	0.576	0.556	3.5	85	0.00
40 TM	Benzene	1.413	1.339	5.2	88	0.00
41 T	Methacrylonitrile	0.164	0.146	11.0	92	0.00
42 TM	1,2-Dichloroethane	0.463	0.432	6.7	86	0.00
43 T	Isopropyl Acetate	0.547	0.536	2.0	89	0.00
44 TM	Trichloroethene	0.381	0.347	8.9	85	0.00
45 C	1,2-Dichloropropane	0.362	0.350	3.3#	91	0.00
46 T	Dibromomethane	0.207	0.198	4.3	88	0.00
47 T	Bromodichloromethane	0.505	0.474	6.1	89	0.00
48 T	Methyl methacrylate	0.257	0.259	-0.8	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	88	-0.01
50 S	Toluene-d8	1.227	1.150	6.3	94	0.00
51 T	4-Methyl-2-Pentanone	0.291	0.296	-1.7	89	0.00
52 CM	Toluene	0.861	0.823	4.4#	88	0.00
53 T	t-1,3-Dichloropropene	0.514	0.501	2.5	89	0.00
54 T	cis-1,3-Dichloropropene	0.576	0.551	4.3	88	0.00
55 T	1,1,2-Trichloroethane	0.279	0.264	5.4	87	0.00
56 T	Ethyl methacrylate	0.372	0.366	1.6	86	0.00
57 T	1,3-Dichloropropane	0.475	0.454	4.4	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.119	0.104	12.6	92	0.00
59 T	2-Hexanone	0.207	0.217	-4.8	90	0.00
60 T	Dibromochloromethane	0.353	0.329	6.8	86	0.00
61 T	1,2-Dibromoethane	0.265	0.252	4.9	86	0.00
62 S	4-Bromofluorobenzene	0.408	0.382	6.4	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	96	0.00
64 T	Tetrachloroethene	0.370	0.336	9.2	83	0.00
65 PM	Chlorobenzene	1.048	0.982	6.3	87	0.00
66 T	1,1,1,2-Tetrachloroethane	0.404	0.375	7.2	86	0.00
67 C	Ethyl Benzene	1.886	1.796	4.8#	86	0.00
68 T	m/p-Xylenes	0.714	0.679	4.9	86	0.00
69 T	o-Xylene	0.672	0.635	5.5	86	0.00
70 T	Styrene	1.139	1.084	4.8	86	0.00
71 P	Bromoform	0.264	0.249	5.7	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	93	0.00
73 T	Isopropylbenzene	3.721	3.616	2.8	85	0.00
74 T	N-amyl acetate	1.119	1.149	-2.7	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.770	0.773	-0.4	87	0.00
76 T	1,2,3-Trichloropropane	0.590	0.489	17.1	87	0.00
77 T	Bromobenzene	0.913	0.869	4.8	84	0.00
78 T	n-propylbenzene	4.598	4.458	3.0	84	0.00
79 T	2-Chlorotoluene	2.568	2.450	4.6	86	0.00
80 T	1,3,5-Trimethylbenzene	3.072	2.990	2.7	84	0.00
81 T	trans-1,4-Dichloro-2-butene	0.272	0.271	0.4	84	0.00
82 T	4-Chlorotoluene	2.654	2.509	5.5	85	0.00
83 T	tert-Butylbenzene	2.675	2.541	5.0	84	0.00
84 T	1,2,4-Trimethylbenzene	3.015	2.915	3.3	84	0.00
85 T	sec-Butylbenzene	3.974	3.823	3.8	84	0.00
86 T	p-Isopropyltoluene	3.285	3.104	5.5	83	0.00
87 T	1,3-Dichlorobenzene	1.764	1.650	6.5	84	0.00
88 T	1,4-Dichlorobenzene	1.756	1.619	7.8	83	0.00
89 T	n-Butylbenzene	3.150	2.998	4.8	83	0.00
90 T	Hexachloroethane	0.674	0.619	8.2	84	0.00
91 T	1,2-Dichlorobenzene	1.567	1.457	7.0	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.135	0.128	5.2	82	0.00
93 T	1,2,4-Trichlorobenzene	0.972	0.862	11.3	78	0.00
94 T	Hexachlorobutadiene	0.613	0.537	12.4	80	0.00
95 T	Naphthalene	1.856	1.740	6.3	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.864	0.759	12.2	77	0.00

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