

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062223\
 Data File : VY014395.D
 Acq On : 22 Jun 2023 21:29
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 23 05:02:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 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	80	0.00
2 T	Dichlorodifluoromethane	0.557	0.451	19.0	67	0.00
3 P	Chloromethane	0.707	0.630	10.9	76	0.00
4 C	Vinyl Chloride	0.687	0.555	19.2#	67	0.00
5 T	Bromomethane	0.567	11.702	-1963.8#	1896#	-0.01
6 T	Chloroethane	0.467	0.391	16.3	73	0.00
7 T	Trichlorofluoromethane	1.116	1.065	4.6	79	0.00
8 T	Diethyl Ether	0.373	0.363	2.7	83	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.514	8.7	73	0.00
10 T	Methyl Iodide	0.744	1.374	-84.7#	145	0.00
11 T	Tert butyl alcohol	0.092	0.089	3.3	97	0.00
12 CM	1,1-Dichloroethene	0.571	0.530	7.2#	77	0.00
13 T	Acrolein	0.044	0.036	18.2	89	0.00
14 T	Allyl chloride	1.035	0.917	11.4	72	0.00
15 T	Acrylonitrile	0.192	0.216	-12.5	95	0.00
16 T	Acetone	0.210	0.186	11.4	84	0.00
17 T	Carbon Disulfide	1.850	1.554	16.0	70	0.00
18 T	Methyl Acetate	0.815	0.847	-3.9	92	0.00
19 T	Methyl tert-butyl Ether	1.684	1.841	-9.3	87	0.00
20 T	Methylene Chloride	0.775	0.723	6.7	86	0.00
21 T	trans-1,2-Dichloroethene	0.637	0.630	1.1	80	0.00
22 T	Diisopropyl ether	1.981	2.004	-1.2	81	0.01
23 T	Vinyl Acetate	1.169	1.220	-4.4	85	0.00
24 P	1,1-Dichloroethane	1.142	1.131	1.0	82	0.00
25 T	2-Butanone	0.258	0.286	-10.9	99	0.00
26 T	2,2-Dichloropropane	1.073	1.012	5.7	79	0.00
27 T	cis-1,2-Dichloroethene	0.712	0.747	-4.9	87	0.00
28 T	Bromochloromethane	0.465	0.403	13.3	76	0.00
29 T	Tetrahydrofuran	0.164	0.190	-15.9	101	0.00
30 C	Chloroform	1.212	1.304	-7.6#	89	0.00
31 T	Cyclohexane	0.933	0.831	10.9	75	0.00
32 T	1,1,1-Trichloroethane	1.093	1.139	-4.2	86	0.00
33 S	1,2-Dichloroethane-d4	0.696	0.708	-1.7	93	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.00
35 S	Dibromofluoromethane	0.355	0.380	-7.0	92	0.00
36 T	1,1-Dichloropropene	0.553	0.542	2.0	81	0.00
37 T	Ethyl Acetate	0.381	0.406	-6.6	90	0.00
38 T	Carbon Tetrachloride	0.638	0.672	-5.3	86	0.01
39 T	Methylcyclohexane	0.613	0.587	4.2	76	0.00
40 TM	Benzene	1.644	1.673	-1.8	85	0.00
41 T	Methacrylonitrile	0.195	0.172	11.8	84	0.00
42 TM	1,2-Dichloroethane	0.581	0.636	-9.5	93	0.00
43 T	Isopropyl Acetate	0.669	0.728	-8.8	92	0.00
44 TM	Trichloroethene	0.439	0.457	-4.1	85	0.00
45 C	1,2-Dichloropropane	0.418	0.415	0.7#	83	0.00
46 T	Dibromomethane	0.257	0.272	-5.8	90	0.00
47 T	Bromodichloromethane	0.602	0.654	-8.6	90	0.00
48 T	Methyl methacrylate	0.312	0.345	-10.6	93	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	105	-0.02
50 S	Toluene-d8	1.326	1.271	4.1	87	0.00
51 T	4-Methyl-2-Pentanone	0.363	0.422	-16.3	98	0.00
52 CM	Toluene	1.019	1.083	-6.3#	87	0.00
53 T	t-1,3-Dichloropropene	0.634	0.674	-6.3	88	0.00
54 T	cis-1,3-Dichloropropene	0.691	0.708	-2.5	86	0.00
55 T	1,1,2-Trichloroethane	0.341	0.381	-11.7	94	0.00
56 T	Ethyl methacrylate	0.470	0.545	-16.0	93	0.00
57 T	1,3-Dichloropropane	0.583	0.625	-7.2	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.177	0.225	-27.1#	91	0.00
59 T	2-Hexanone	0.262	0.308	-17.6	101	0.00
60 T	Dibromochloromethane	0.436	0.504	-15.6	97	0.00
61 T	1,2-Dibromoethane	0.336	0.373	-11.0	94	0.00
62 S	4-Bromofluorobenzene	0.471	0.532	-13.0	99	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.426	0.498	-16.9	102	0.00
65 PM	Chlorobenzene	1.201	1.228	-2.2	90	0.00
66 T	1,1,1,2-Tetrachloroethane	0.473	0.504	-6.6	92	0.00
67 C	Ethyl Benzene	2.103	2.189	-4.1#	88	0.00
68 T	m/p-Xylenes	0.809	0.853	-5.4	90	0.00
69 T	o-Xylene	0.765	0.828	-8.2	92	0.00
70 T	Styrene	1.305	1.447	-10.9	94	0.00
71 P	Bromoform	0.324	0.373	-15.1	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	101	0.00
73 T	Isopropylbenzene	3.814	3.601	5.6	90	0.00
74 T	N-amyl acetate	1.209	1.186	1.9	96	0.00
75 P	1,1,2,2-Tetrachloroethane	0.852	0.819	3.9	97	0.00
76 T	1,2,3-Trichloropropane	0.656	0.597	9.0	86	0.00
77 T	Bromobenzene	1.003	0.961	4.2	94	0.00
78 T	n-propylbenzene	4.659	4.366	6.3	89	0.00
79 T	2-Chlorotoluene	2.681	2.555	4.7	94	0.00
80 T	1,3,5-Trimethylbenzene	3.266	3.145	3.7	92	0.00
81 T	trans-1,4-Dichloro-2-butene	0.303	0.292	3.6	94	0.00
82 T	4-Chlorotoluene	2.841	2.682	5.6	92	0.00
83 T	tert-Butylbenzene	2.775	2.646	4.6	91	0.00
84 T	1,2,4-Trimethylbenzene	3.233	3.130	3.2	93	0.00
85 T	sec-Butylbenzene	4.035	3.853	4.5	91	0.00
86 T	p-Isopropyltoluene	3.453	3.286	4.8	91	0.00
87 T	1,3-Dichlorobenzene	1.914	1.851	3.3	96	0.00
88 T	1,4-Dichlorobenzene	1.929	1.851	4.0	96	0.00
89 T	n-Butylbenzene	3.203	3.032	5.3	91	0.00
90 T	Hexachloroethane	0.688	0.653	5.1	94	0.00
91 T	1,2-Dichlorobenzene	1.719	1.707	0.7	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.170	-4.9	114	0.00
93 T	1,2,4-Trichlorobenzene	1.089	1.059	2.8	97	0.00
94 T	Hexachlorobutadiene	0.629	0.609	3.2	95	0.00
95 T	Naphthalene	2.210	2.318	-4.9	106	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.984	0.961	2.3	100	0.00

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