

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061523\
 Data File : VY014200.D
 Acq On : 15 Jun 2023 19:23
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 16 02:12:44 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	63	0.00
2 T	Dichlorodifluoromethane	0.557	0.488	12.4	57	0.00
3 P	Chloromethane	0.707	0.656	7.2	62	0.00
4 C	Vinyl Chloride	0.687	0.627	8.7#	59	0.00
5 T	Bromomethane	0.567	0.575	-1.4	73	-0.01
6 T	Chloroethane	0.467	0.439	6.0	64	0.00
7 T	Trichlorofluoromethane	1.116	1.062	4.8	62	-0.01
8 T	Diethyl Ether	0.373	0.417	-11.8	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.563	0.547	2.8	61	-0.01
10 T	Methyl Iodide	0.744	0.610	18.0	50	-0.01
11 T	Tert butyl alcohol	0.092	0.098	-6.5	83	-0.02
12 CM	1,1-Dichloroethene	0.571	0.544	4.7#	62	0.00
13 T	Acrolein	0.044	0.044	0.0	83	0.00
14 T	Allyl chloride	1.035	1.011	2.3	62	0.00
15 T	Acrylonitrile	0.192	0.243	-26.6#	83	0.00
16 T	Acetone	0.210	0.224	-6.7	79	-0.01
17 T	Carbon Disulfide	1.850	1.747	5.6	62	0.00
18 T	Methyl Acetate	0.815	0.963	-18.2	82	0.00
19 T	Methyl tert-butyl Ether	1.684	1.990	-18.2	74	0.00
20 T	Methylene Chloride	0.775	0.800	-3.2	75	0.00
21 T	trans-1,2-Dichloroethene	0.637	0.646	-1.4	64	0.00
22 T	Diisopropyl ether	1.981	2.321	-17.2	74	0.00
23 T	Vinyl Acetate	1.169	1.422	-21.6	77	0.00
24 P	1,1-Dichloroethane	1.142	1.227	-7.4	70	0.00
25 T	2-Butanone	0.258	0.327	-26.7#	89	-0.01
26 T	2,2-Dichloropropane	1.073	1.018	5.1	62	0.00
27 T	cis-1,2-Dichloroethene	0.712	0.797	-11.9	73	0.00
28 T	Bromochloromethane	0.465	0.531	-14.2	78	0.00
29 T	Tetrahydrofuran	0.164	0.218	-32.9#	90	0.00
30 C	Chloroform	1.212	1.371	-13.1#	73	0.00
31 T	Cyclohexane	0.933	0.868	7.0	61	0.00
32 T	1,1,1-Trichloroethane	1.093	1.101	-0.7	65	0.00
33 S	1,2-Dichloroethane-d4	0.696	0.776	-11.5	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	71	0.00
35 S	Dibromofluoromethane	0.355	0.371	-4.5	77	0.00
36 T	1,1-Dichloropropene	0.553	0.499	9.8	64	0.00
37 T	Ethyl Acetate	0.381	0.413	-8.4	79	0.00
38 T	Carbon Tetrachloride	0.638	0.581	8.9	64	0.00
39 T	Methylcyclohexane	0.613	0.542	11.6	61	0.00
40 TM	Benzene	1.644	1.624	1.2	71	0.00
41 T	Methacrylonitrile	0.195	0.264	-35.4#	112	0.01
42 TM	1,2-Dichloroethane	0.581	0.614	-5.7	78	0.00
43 T	Isopropyl Acetate	0.669	0.759	-13.5	83	0.00
44 TM	Trichloroethene	0.439	0.416	5.2	67	0.00
45 C	1,2-Dichloropropane	0.418	0.425	-1.7#	73	0.00
46 T	Dibromomethane	0.257	0.280	-8.9	81	0.00
47 T	Bromodichloromethane	0.602	0.639	-6.1	76	0.00
48 T	Methyl methacrylate	0.312	0.356	-14.1	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	90	-0.02
50 S	Toluene-d8	1.326	1.183	10.8	70	0.00
51 T	4-Methyl-2-Pentanone	0.363	0.428	-17.9	86	0.00
52 CM	Toluene	1.019	1.012	0.7#	71	0.00
53 T	t-1,3-Dichloropropene	0.634	0.675	-6.5	76	0.00
54 T	cis-1,3-Dichloropropene	0.691	0.716	-3.6	75	0.00
55 T	1,1,2-Trichloroethane	0.341	0.378	-10.9	81	0.00
56 T	Ethyl methacrylate	0.470	0.531	-13.0	78	0.00
57 T	1,3-Dichloropropane	0.583	0.650	-11.5	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.177	0.250	-41.2#	88	0.00
59 T	2-Hexanone	0.262	0.308	-17.6	87	0.00
60 T	Dibromochloromethane	0.436	0.483	-10.8	80	0.00
61 T	1,2-Dibromoethane	0.336	0.373	-11.0	81	0.00
62 S	4-Bromofluorobenzene	0.471	0.516	-9.6	83	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64 T	Tetrachloroethene	0.426	0.385	9.6	71	0.00
65 PM	Chlorobenzene	1.201	1.138	5.2	74	0.00
66 T	1,1,1,2-Tetrachloroethane	0.473	0.463	2.1	76	0.00
67 C	Ethyl Benzene	2.103	1.974	6.1#	71	0.00
68 T	m/p-Xylenes	0.809	0.769	4.9	73	0.00
69 T	o-Xylene	0.765	0.738	3.5	73	0.00
70 T	Styrene	1.305	1.339	-2.6	78	0.00
71 P	Bromoform	0.324	0.350	-8.0	85	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	88	0.00
73 T	Isopropylbenzene	3.814	3.254	14.7	71	0.00
74 T	N-amyl acetate	1.209	1.256	-3.9	89	0.00
75 P	1,1,2,2-Tetrachloroethane	0.852	0.836	1.9	87	0.00
76 T	1,2,3-Trichloropropane	0.656	0.646	1.5	81	0.00
77 T	Bromobenzene	1.003	0.919	8.4	79	0.00
78 T	n-propylbenzene	4.659	4.014	13.8	72	0.00
79 T	2-Chlorotoluene	2.681	2.353	12.2	75	0.00
80 T	1,3,5-Trimethylbenzene	3.266	2.844	12.9	73	0.00
81 T	trans-1,4-Dichloro-2-butene	0.303	0.299	1.3	84	0.00
82 T	4-Chlorotoluene	2.841	2.492	12.3	75	0.00
83 T	tert-Butylbenzene	2.775	2.335	15.9	70	0.00
84 T	1,2,4-Trimethylbenzene	3.233	2.914	9.9	76	0.00
85 T	sec-Butylbenzene	4.035	3.393	15.9	70	0.00
86 T	p-Isopropyltoluene	3.453	2.950	14.6	71	0.00
87 T	1,3-Dichlorobenzene	1.914	1.740	9.1	79	0.00
88 T	1,4-Dichlorobenzene	1.929	1.732	10.2	79	0.00
89 T	n-Butylbenzene	3.203	2.743	14.4	72	0.00
90 T	Hexachloroethane	0.688	0.592	14.0	74	0.00
91 T	1,2-Dichlorobenzene	1.719	1.608	6.5	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.162	0.160	1.2	94	0.00
93 T	1,2,4-Trichlorobenzene	1.089	0.998	8.4	80	0.00
94 T	Hexachlorobutadiene	0.629	0.558	11.3	76	0.00
95 T	Naphthalene	2.210	2.128	3.7	85	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.984	0.914	7.1	83	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 6