

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012074.D
 Acq On : 05 Jan 2023 11:56
 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: Jan 05 23:14:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 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	83	0.00
2 T	Dichlorodifluoromethane	0.377	0.417	-10.6	78	0.00
3 P	Chloromethane	0.445	0.384	13.7	67	0.00
4 C	Vinyl Chloride	0.491	0.455	7.3#	72	0.00
5 T	Bromomethane	0.349	0.326	6.6	76	0.00
6 T	Chloroethane	0.321	0.301	6.2	74	0.00
7 T	Trichlorofluoromethane	0.859	0.903	-5.1	83	0.00
8 T	Diethyl Ether	0.265	0.269	-1.5	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.473	0.489	-3.4	83	0.00
10 T	Methyl Iodide	0.654	0.648	0.9	74	0.00
11 T	Tert butyl alcohol	0.065	0.055	15.4	92	0.00
12 CM	1,1-Dichloroethene	0.473	0.463	2.1#	78	0.00
13 T	Acrolein	0.047	0.032	31.9#	62	0.00
14 T	Allyl chloride	0.697	0.654	6.2	74	0.00
15 T	Acrylonitrile	0.123	0.128	-4.1	81	0.00
16 T	Acetone	0.137	0.129	5.8	66	0.00
17 T	Carbon Disulfide	1.509	1.197	20.7	62	0.00
18 T	Methyl Acetate	0.348	0.336	3.4	78	0.00
19 T	Methyl tert-butyl Ether	1.214	1.335	-10.0	85	0.00
20 T	Methylene Chloride	0.701	0.567	19.1	77	0.00
21 T	trans-1,2-Dichloroethene	0.538	0.519	3.5	76	0.00
22 T	Diisopropyl ether	1.372	1.359	0.9	77	0.00
23 T	Vinyl Acetate	0.789	0.799	-1.3	76	0.00
24 P	1,1-Dichloroethane	0.892	0.889	0.3	81	0.00
25 T	2-Butanone	0.168	0.154	8.3	68	0.00
26 T	2,2-Dichloropropane	0.873	0.919	-5.3	86	0.00
27 T	cis-1,2-Dichloroethene	0.581	0.597	-2.8	82	0.00
28 T	Bromochloromethane	0.245	0.211	13.9	74	0.00
29 T	Tetrahydrofuran	0.095	0.093	2.1	74	0.00
30 C	Chloroform	0.961	1.182	-23.0#	99	0.00
31 T	Cyclohexane	0.848	0.731	13.8	70	0.00
32 T	1,1,1-Trichloroethane	0.914	0.959	-4.9	85	0.00
33 S	1,2-Dichloroethane-d4	0.504	0.457	9.3	75	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	81	0.00
35 S	Dibromofluoromethane	0.301	0.291	3.3	76	0.00
36 T	1,1-Dichloropropene	0.483	0.473	2.1	76	0.00
37 T	Ethyl Acetate	0.217	0.206	5.1	74	0.00
38 T	Carbon Tetrachloride	0.558	0.604	-8.2	84	0.00
39 T	Methylcyclohexane	0.581	0.572	1.5	74	0.00
40 TM	Benzene	1.382	1.394	-0.9	79	0.00
41 T	Methacrylonitrile	0.105	0.126	-20.0	86	-0.01
42 TM	1,2-Dichloroethane	0.398	0.427	-7.3	84	0.00
43 T	Isopropyl Acetate	0.396	0.409	-3.3	78	0.00
44 TM	Trichloroethene	0.389	0.408	-4.9	83	0.00
45 C	1,2-Dichloropropane	0.319	0.318	0.3#	79	0.00
46 T	Dibromomethane	0.184	0.190	-3.3	80	0.00
47 T	Bromodichloromethane	0.467	0.534	-14.3	89	0.00
48 T	Methyl methacrylate	0.183	0.189	-3.3	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	85	0.00
50 S	Toluene-d8	1.221	1.090	10.7	70	0.00
51 T	4-Methyl-2-Pentanone	0.211	0.215	-1.9	75	0.00
52 CM	Toluene	0.880	0.912	-3.6#	80	0.00
53 T	t-1,3-Dichloropropene	0.471	0.508	-7.9	83	0.00
54 T	cis-1,3-Dichloropropene	0.530	0.563	-6.2	81	0.00
55 T	1,1,2-Trichloroethane	0.261	0.279	-6.9	84	0.00
56 T	Ethyl methacrylate	0.330	0.361	-9.4	81	0.00
57 T	1,3-Dichloropropane	0.436	0.458	-5.0	80	0.00
58 T	2-Chloroethyl Vinyl ether	0.127	0.124	2.4	79	0.00
59 T	2-Hexanone	0.155	0.154	0.6	70	0.00
60 T	Dibromochloromethane	0.329	0.370	-12.5	85	0.00
61 T	1,2-Dibromoethane	0.244	0.260	-6.6	82	0.00
62 S	4-Bromofluorobenzene	0.411	0.385	6.3	74	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.438	0.465	-6.2	82	0.00
65 PM	Chlorobenzene	1.038	1.098	-5.8	82	0.00
66 T	1,1,1,2-Tetrachloroethane	0.386	0.430	-11.4	86	0.00
67 C	Ethyl Benzene	1.877	1.979	-5.4#	80	0.00
68 T	m/p-Xylenes	0.730	0.779	-6.7	81	0.00
69 T	o-Xylene	0.679	0.743	-9.4	83	0.00
70 T	Styrene	1.140	1.261	-10.6	83	0.00
71 P	Bromoform	0.229	0.261	-14.0	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.710	3.930	-5.9	84	0.00
74 T	N-amyl acetate	0.761	0.773	-1.6	78	0.00
75 P	1,1,2,2-Tetrachloroethane	0.619	0.627	-1.3	82	0.00
76 T	1,2,3-Trichloropropane	0.622	0.508	18.3	66	0.00
77 T	Bromobenzene	0.858	0.909	-5.9	86	0.00
78 T	n-propylbenzene	4.460	4.589	-2.9	81	0.00
79 T	2-Chlorotoluene	2.507	2.570	-2.5	82	0.00
80 T	1,3,5-Trimethylbenzene	3.177	3.351	-5.5	83	0.00
81 T	trans-1,4-Dichloro-2-butene	0.227	0.239	-5.3	83	0.00
82 T	4-Chlorotoluene	2.594	2.701	-4.1	83	0.00
83 T	tert-Butylbenzene	2.692	2.933	-9.0	85	0.00
84 T	1,2,4-Trimethylbenzene	3.125	3.310	-5.9	84	0.00
85 T	sec-Butylbenzene	4.020	4.243	-5.5	84	0.00
86 T	p-Isopropyltoluene	3.392	3.675	-8.3	85	0.00
87 T	1,3-Dichlorobenzene	1.726	1.825	-5.7	86	0.00
88 T	1,4-Dichlorobenzene	1.716	1.806	-5.2	86	0.00
89 T	n-Butylbenzene	3.071	3.235	-5.3	83	0.00
90 T	Hexachloroethane	0.647	0.682	-5.4	86	0.00
91 T	1,2-Dichlorobenzene	1.505	1.616	-7.4	87	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.106	0.118	-11.3	87	0.00
93 T	1,2,4-Trichlorobenzene	0.885	1.038	-17.3	90	0.00
94 T	Hexachlorobutadiene	0.572	0.635	-11.0	90	0.00
95 T	Naphthalene	1.644	1.982	-20.6	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.749	0.889	-18.7	91	0.00

(#) = Out of Range

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