

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092822\
 Data File : VY010705.D
 Acq On : 28 Sep 2022 10:17
 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: Sep 29 01:11:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 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	75	0.00
2 T	Dichlorodifluoromethane	0.279	0.189	32.3#	66	0.00
3 P	Chloromethane	0.391	0.319	18.4	73	0.00
4 C	Vinyl Chloride	0.490	0.404	17.6#	71	0.01
5 T	Bromomethane	0.350	0.282	19.4	73	0.00
6 T	Chloroethane	0.352	0.317	9.9	77	0.00
7 T	Trichlorofluoromethane	0.657	0.582	11.4	75	0.01
8 T	Diethyl Ether	0.225	0.218	3.1	79	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.395	0.376	4.8	77	0.01
10 T	Methyl Iodide	0.457	0.364	20.4	64	0.00
11 T	Tert butyl alcohol	0.049	0.040	18.4	78	0.00
12 CM	1,1-Dichloroethene	0.353	0.302	14.4#	71	0.00
13 T	Acrolein	0.022	0.022	0.0	83	0.00
14 T	Allyl chloride	0.532	0.526	1.1	82	0.00
15 T	Acrylonitrile	0.117	0.129	-10.3	89	0.00
16 T	Acetone	0.098	0.115	-17.3	88	0.00
17 T	Carbon Disulfide	0.788	0.576	26.9#	67	0.01
18 T	Methyl Acetate	0.316	0.289	8.5	87	0.00
19 T	Methyl tert-butyl Ether	1.101	1.134	-3.0	82	0.00
20 T	Methylene Chloride	0.785	0.459	41.5#	66	0.00
21 T	trans-1,2-Dichloroethene	0.397	0.353	11.1	74	0.00
22 T	Diisopropyl ether	1.257	1.392	-10.7	88	0.00
23 T	Vinyl Acetate	0.742	0.835	-12.5	86	0.00
24 P	1,1-Dichloroethane	0.754	0.790	-4.8	84	0.00
25 T	2-Butanone	0.153	0.169	-10.5	88	0.00
26 T	2,2-Dichloropropane	0.725	0.737	-1.7	83	0.00
27 T	cis-1,2-Dichloroethene	0.495	0.484	2.2	79	0.00
28 T	Bromochloromethane	0.301	0.393	-30.6#	81	0.00
29 T	Tetrahydrofuran	0.094	0.099	-5.3	86	0.00
30 C	Chloroform	0.816	0.858	-5.1#	84	0.00
31 T	Cyclohexane	0.617	0.518	16.0	76	0.00
32 T	1,1,1-Trichloroethane	0.726	0.726	0.0	79	0.00
33 S	1,2-Dichloroethane-d4	0.478	0.491	-2.7	76	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.319	0.280	12.2	73	0.00
36 T	1,1-Dichloropropene	0.356	0.329	7.6	78	0.00
37 T	Ethyl Acetate	0.205	0.213	-3.9	85	0.00
38 T	Carbon Tetrachloride	0.409	0.386	5.6	78	0.00
39 T	Methylcyclohexane	0.416	0.344	17.3	72	0.00
40 TM	Benzene	1.060	1.010	4.7	80	0.00
41 T	Methacrylonitrile	0.105	0.107	-1.9	82	0.00
42 TM	1,2-Dichloroethane	0.326	0.330	-1.2	84	0.00
43 T	Isopropyl Acetate	0.376	0.385	-2.4	83	0.00
44 TM	Trichloroethene	0.303	0.264	12.9	73	0.00
45 C	1,2-Dichloropropane	0.274	0.283	-3.3#	85	0.00
46 T	Dibromomethane	0.161	0.157	2.5	81	0.00
47 T	Bromodichloromethane	0.398	0.415	-4.3	84	0.00
48 T	Methyl methacrylate	0.166	0.169	-1.8	82	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	78	0.00
50 S	Toluene-d8	1.087	1.072	1.4	70	0.00
51 T	4-Methyl-2-Pentanone	0.213	0.230	-8.0	87	0.00
52 CM	Toluene	0.694	0.650	6.3#	78	0.00
53 T	t-1,3-Dichloropropene	0.402	0.403	-0.2	82	0.00
54 T	cis-1,3-Dichloropropene	0.448	0.454	-1.3	82	0.00
55 T	1,1,2-Trichloroethane	0.237	0.242	-2.1	83	0.00
56 T	Ethyl methacrylate	0.307	0.313	-2.0	81	0.00
57 T	1,3-Dichloropropane	0.392	0.400	-2.0	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.166	-7.1	76	0.00
59 T	2-Hexanone	0.144	0.157	-9.0	86	0.00
60 T	Dibromochloromethane	0.290	0.293	-1.0	81	0.00
61 T	1,2-Dibromoethane	0.222	0.212	4.5	79	0.00
62 S	4-Bromofluorobenzene	0.474	0.369	22.2	72	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.334	0.275	17.7	71	0.00
65 PM	Chlorobenzene	0.865	0.803	7.2	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.337	0.331	1.8	80	0.00
67 C	Ethyl Benzene	1.518	1.446	4.7#	80	0.00
68 T	m/p-Xylenes	0.588	0.549	6.6	79	0.00
69 T	o-Xylene	0.573	0.539	5.9	78	0.00
70 T	Styrene	0.974	0.945	3.0	80	0.00
71 P	Bromoform	0.209	0.204	2.4	81	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	79	0.00
73 T	Isopropylbenzene	3.090	2.954	4.4	79	0.00
74 T	N-amyl acetate	0.749	0.762	-1.7	81	0.00
75 P	1,1,2,2-Tetrachloroethane	0.630	0.643	-2.1	85	0.00
76 T	1,2,3-Trichloropropane	0.477	0.474	0.6	88	0.00
77 T	Bromobenzene	0.735	0.671	8.7	76	0.00
78 T	n-propylbenzene	3.681	3.613	1.8	81	0.00
79 T	2-Chlorotoluene	2.097	2.021	3.6	80	0.00
80 T	1,3,5-Trimethylbenzene	2.611	2.499	4.3	80	0.00
81 T	trans-1,4-Dichloro-2-butene	0.215	0.215	0.0	84	0.00
82 T	4-Chlorotoluene	2.166	2.117	2.3	81	0.00
83 T	tert-Butylbenzene	2.335	2.248	3.7	79	0.00
84 T	1,2,4-Trimethylbenzene	2.594	2.513	3.1	80	0.00
85 T	sec-Butylbenzene	3.420	3.339	2.4	80	0.00
86 T	p-Isopropyltoluene	2.858	2.808	1.7	79	0.00
87 T	1,3-Dichlorobenzene	1.492	1.401	6.1	78	0.00
88 T	1,4-Dichlorobenzene	1.477	1.395	5.6	78	0.00
89 T	n-Butylbenzene	2.624	2.609	0.6	81	0.00
90 T	Hexachloroethane	0.549	0.559	-1.8	83	0.00
91 T	1,2-Dichlorobenzene	1.329	1.267	4.7	78	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.103	1.9	82	0.00
93 T	1,2,4-Trichlorobenzene	0.811	0.733	9.6	70	0.00
94 T	Hexachlorobutadiene	0.493	0.437	11.4	70	0.00
95 T	Naphthalene	1.634	1.510	7.6	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.706	0.646	8.5	71	0.00

(#) = Out of Range

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