

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051922\
 Data File : VY008910.D
 Acq On : 20 May 2022 08:52
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 20 09:08:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 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	77	0.00
2 T	Dichlorodifluoromethane	0.376	0.302	19.7	76	0.00
3 P	Chloromethane	0.583	0.574	1.5	90	0.00
4 C	Vinyl Chloride	0.825	0.814	1.3#	88	0.00
5 T	Bromomethane	0.631	0.811	-28.5#	117	0.00
6 T	Chloroethane	0.610	0.620	-1.6	91	0.00
7 T	Trichlorofluoromethane	0.780	0.705	9.6	79	0.00
8 T	Diethyl Ether	0.222	0.255	-14.9	97	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.440	5.6	81	0.00
10 T	Methyl Iodide	0.518	0.382	26.3#	60	0.00
11 T	Tert butyl alcohol	0.051	0.049	3.9	79	0.00
12 CM	1,1-Dichloroethene	0.424	0.411	3.1#	83	0.00
13 T	Acrolein	0.025	0.011	56.0#	54	0.00
14 T	Allyl chloride	0.624	0.650	-4.2	89	0.00
15 T	Acrylonitrile	0.150	0.146	2.7	79	0.00
16 T	Acetone	0.119	0.106	10.9	78	0.00
17 T	Carbon Disulfide	1.249	1.117	10.6	81	0.00
18 T	Methyl Acetate	0.377	0.329	12.7	81	0.00
19 T	Methyl tert-butyl Ether	1.143	1.404	-22.8	100	0.00
20 T	Methylene Chloride	0.605	0.583	3.6	95	0.01
21 T	trans-1,2-Dichloroethene	0.520	0.528	-1.5	86	0.00
22 T	Diisopropyl ether	1.322	1.761	-33.2#	107	0.00
23 T	Vinyl Acetate	0.932	1.158	-24.2	97	0.00
24 P	1,1-Dichloroethane	0.877	0.992	-13.1	94	0.00
25 T	2-Butanone	0.195	0.194	0.5	80	0.00
26 T	2,2-Dichloropropane	0.834	0.742	11.0	74	0.00
27 T	cis-1,2-Dichloroethene	0.577	0.661	-14.6	95	0.00
28 T	Bromochloromethane	0.332	0.376	-13.3	89	0.00
29 T	Tetrahydrofuran	0.130	0.131	-0.8	80	0.00
30 C	Chloroform	0.940	1.110	-18.1#	96	0.00
31 T	Cyclohexane	0.817	0.787	3.7	84	0.00
32 T	1,1,1-Trichloroethane	0.872	0.958	-9.9	90	0.00
33 S	1,2-Dichloroethane-d4	0.464	0.627	-35.1#	96	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.292	0.316	-8.2	91	0.00
36 T	1,1-Dichloropropene	0.468	0.442	5.6	88	0.00
37 T	Ethyl Acetate	0.279	0.252	9.7	86	0.00
38 T	Carbon Tetrachloride	0.501	0.468	6.6	88	0.00
39 T	Methylcyclohexane	0.555	0.523	5.8	86	0.00
40 TM	Benzene	1.309	1.380	-5.4	96	0.00
41 T	Methacrylonitrile	0.147	0.142	3.4	90	0.00
42 TM	1,2-Dichloroethane	0.384	0.419	-9.1	100	0.00
43 T	Isopropyl Acetate	0.464	0.504	-8.6	97	0.00
44 TM	Trichloroethene	0.356	0.350	1.7	90	0.00
45 C	1,2-Dichloropropane	0.311	0.356	-14.5#	103	0.00
46 T	Dibromomethane	0.204	0.220	-7.8	100	0.00
47 T	Bromodichloromethane	0.453	0.514	-13.5	103	0.00
48 T	Methyl methacrylate	0.204	0.223	-9.3	97	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	0.003	0.003	0.0	84	0.00
50 S	Toluene-d8	1.136	1.366	-20.2	92	0.00
51 T	4-Methyl-2-Pentanone	0.274	0.288	-5.1	92	0.00
52 CM	Toluene	0.890	1.004	-12.8#	98	0.00
53 T	t-1,3-Dichloropropene	0.471	0.527	-11.9	97	0.00
54 T	cis-1,3-Dichloropropene	0.508	0.547	-7.7	97	0.00
55 T	1,1,2-Trichloroethane	0.278	0.322	-15.8	102	0.00
56 T	Ethyl methacrylate	0.337	0.418	-24.0	105	0.00
57 T	1,3-Dichloropropane	0.457	0.529	-15.8	103	0.00
58 T	2-Chloroethyl Vinyl ether	0.172	0.195	-13.4	96	0.00
59 T	2-Hexanone	0.196	0.203	-3.6	87	0.00
60 T	Dibromochloromethane	0.334	0.393	-17.7	105	0.00
61 T	1,2-Dibromoethane	0.277	0.311	-12.3	99	0.00
62 S	4-Bromofluorobenzene	0.400	0.505	-26.2#	97	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.320	0.298	6.9	93	0.00
65 PM	Chlorobenzene	1.012	1.033	-2.1	98	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.404	-9.2	105	0.00
67 C	Ethyl Benzene	1.807	1.887	-4.4#	98	0.00
68 T	m/p-Xylenes	0.720	0.786	-9.2	98	0.00
69 T	o-Xylene	0.665	0.748	-12.5	101	0.00
70 T	Styrene	1.126	1.315	-16.8	102	0.00
71 P	Bromoform	0.251	0.276	-10.0	103	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.429	3.192	6.9	99	0.00
74 T	N-amyl acetate	0.819	0.847	-3.4	108	0.00
75 P	1,1,2,2-Tetrachloroethane	0.762	0.696	8.7	102	0.00
76 T	1,2,3-Trichloropropane	0.578	0.483	16.4	93	0.00
77 T	Bromobenzene	0.795	0.736	7.4	102	0.00
78 T	n-propylbenzene	4.213	3.917	7.0	97	0.00
79 T	2-Chlorotoluene	2.282	2.206	3.3	101	0.00
80 T	1,3,5-Trimethylbenzene	2.769	2.795	-0.9	100	0.00
81 T	trans-1,4-Dichloro-2-butene	0.264	0.211	20.1	82	0.00
82 T	4-Chlorotoluene	2.411	2.419	-0.3	100	0.00
83 T	tert-Butylbenzene	2.490	2.490	0.0	100	0.00
84 T	1,2,4-Trimethylbenzene	2.741	2.831	-3.3	101	0.00
85 T	sec-Butylbenzene	3.885	3.879	0.2	99	0.00
86 T	p-Isopropyltoluene	3.168	3.243	-2.4	98	0.00
87 T	1,3-Dichlorobenzene	1.670	1.682	-0.7	102	0.00
88 T	1,4-Dichlorobenzene	1.651	1.667	-1.0	100	0.00
89 T	n-Butylbenzene	3.007	2.829	5.9	93	0.00
90 T	Hexachloroethane	0.599	0.611	-2.0	105	0.00
91 T	1,2-Dichlorobenzene	1.460	1.527	-4.6	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.130	0.105	19.2	87	0.00
93 T	1,2,4-Trichlorobenzene	0.797	0.742	6.9	98	0.00
94 T	Hexachlorobutadiene	0.459	0.405	11.8	96	0.00
95 T	Naphthalene	1.782	1.640	8.0	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.676	3.4	102	0.00

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