

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008795.D
 Acq On : 18 May 2022 00:35
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 18 08:00:00 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	101	0.00
2 T	Dichlorodifluoromethane	0.376	0.286	23.9	94	0.00
3 P	Chloromethane	0.583	0.459	21.3	94	0.00
4 C	Vinyl Chloride	0.825	0.661	19.9#	93	0.00
5 T	Bromomethane	0.631	0.557	11.7	105	0.00
6 T	Chloroethane	0.610	0.503	17.5	96	0.00
7 T	Trichlorofluoromethane	0.780	0.655	16.0	96	0.00
8 T	Diethyl Ether	0.222	0.220	0.9	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.420	9.9	101	0.00
10 T	Methyl Iodide	0.518	0.489	5.6	100	0.00
11 T	Tert butyl alcohol	0.051	0.037	27.5#	78	0.02
12 CM	1,1-Dichloroethene	0.424	0.370	12.7#	98	0.00
13 T	Acrolein	0.025	0.012	52.0#	76	0.00
14 T	Allyl chloride	0.624	0.587	5.9	105	0.00
15 T	Acrylonitrile	0.150	0.121	19.3	86	0.00
16 T	Acetone	0.119	0.087	26.9#	84	0.00
17 T	Carbon Disulfide	1.249	1.024	18.0	98	0.00
18 T	Methyl Acetate	0.377	0.291	22.8	93	0.00
19 T	Methyl tert-butyl Ether	1.143	1.196	-4.6	112	0.00
20 T	Methylene Chloride	0.605	0.505	16.5	107	0.01
21 T	trans-1,2-Dichloroethene	0.520	0.484	6.9	103	0.00
22 T	Diisopropyl ether	1.322	1.483	-12.2	118	0.00
23 T	Vinyl Acetate	0.932	0.963	-3.3	105	0.00
24 P	1,1-Dichloroethane	0.877	0.888	-1.3	111	0.00
25 T	2-Butanone	0.195	0.160	17.9	86	0.00
26 T	2,2-Dichloropropane	0.834	0.741	11.2	96	0.00
27 T	cis-1,2-Dichloroethene	0.577	0.579	-0.3	109	0.00
28 T	Bromochloromethane	0.332	0.358	-7.8	111	0.00
29 T	Tetrahydrofuran	0.130	0.105	19.2	84	0.00
30 C	Chloroform	0.940	0.950	-1.1#	108	0.00
31 T	Cyclohexane	0.817	0.725	11.3	102	0.00
32 T	1,1,1-Trichloroethane	0.872	0.851	2.4	104	0.00
33 S	1,2-Dichloroethane-d4	0.464	0.587	-26.5#	117	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	108	0.00
35 S	Dibromofluoromethane	0.292	0.328	-12.3	116	0.00
36 T	1,1-Dichloropropene	0.468	0.417	10.9	103	0.00
37 T	Ethyl Acetate	0.279	0.214	23.3	90	0.00
38 T	Carbon Tetrachloride	0.501	0.444	11.4	102	0.00
39 T	Methylcyclohexane	0.555	0.518	6.7	105	0.00
40 TM	Benzene	1.309	1.255	4.1	108	0.00
41 T	Methacrylonitrile	0.147	0.114	22.4	89	-0.01
42 TM	1,2-Dichloroethane	0.384	0.369	3.9	109	0.00
43 T	Isopropyl Acetate	0.464	0.426	8.2	101	0.00
44 TM	Trichloroethene	0.356	0.324	9.0	103	0.00
45 C	1,2-Dichloropropane	0.311	0.319	-2.6#	114	0.00
46 T	Dibromomethane	0.204	0.201	1.5	113	0.00
47 T	Bromodichloromethane	0.453	0.465	-2.6	115	0.00
48 T	Methyl methacrylate	0.204	0.192	5.9	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.002	33.3#	86	0.00
50 S	Toluene-d8	1.136	1.417	-24.7	118	0.00
51 T	4-Methyl-2-Pentanone	0.274	0.243	11.3	96	0.00
52 CM	Toluene	0.890	0.926	-4.0#	111	0.00
53 T	t-1,3-Dichloropropene	0.471	0.493	-4.7	112	0.00
54 T	cis-1,3-Dichloropropene	0.508	0.513	-1.0	112	0.00
55 T	1,1,2-Trichloroethane	0.278	0.292	-5.0	114	0.00
56 T	Ethyl methacrylate	0.337	0.370	-9.8	114	0.00
57 T	1,3-Dichloropropane	0.457	0.465	-1.8	112	0.00
58 T	2-Chloroethyl Vinyl ether	0.172	0.184	-7.0	111	0.00
59 T	2-Hexanone	0.196	0.169	13.8	89	0.00
60 T	Dibromochloromethane	0.334	0.357	-6.9	117	0.00
61 T	1,2-Dibromoethane	0.277	0.281	-1.4	110	0.00
62 S	4-Bromofluorobenzene	0.400	0.532	-33.0#	127	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	114	0.00
64 T	Tetrachloroethene	0.320	0.280	12.5	108	0.00
65 PM	Chlorobenzene	1.012	0.968	4.3	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.377	-1.9	120	0.00
67 C	Ethyl Benzene	1.807	1.773	1.9#	113	0.00
68 T	m/p-Xylenes	0.720	0.742	-3.1	114	0.00
69 T	o-Xylene	0.665	0.708	-6.5	117	0.00
70 T	Styrene	1.126	1.242	-10.3	119	0.00
71 P	Bromoform	0.251	0.243	3.2	111	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	119	0.00
73 T	Isopropylbenzene	3.429	3.005	12.4	115	0.00
74 T	N-amyl acetate	0.819	0.709	13.4	111	0.00
75 P	1,1,2,2-Tetrachloroethane	0.762	0.611	19.8	110	0.00
76 T	1,2,3-Trichloropropane	0.578	0.455	21.3	108	0.00
77 T	Bromobenzene	0.795	0.685	13.8	117	0.00
78 T	n-propylbenzene	4.213	3.683	12.6	112	0.00
79 T	2-Chlorotoluene	2.282	2.059	9.8	116	0.00
80 T	1,3,5-Trimethylbenzene	2.769	2.624	5.2	116	0.00
81 T	trans-1,4-Dichloro-2-butene	0.264	0.202	23.5	97	0.00
82 T	4-Chlorotoluene	2.411	2.258	6.3	115	0.00
83 T	tert-Butylbenzene	2.490	2.321	6.8	114	0.00
84 T	1,2,4-Trimethylbenzene	2.741	2.679	2.3	118	0.00
85 T	sec-Butylbenzene	3.885	3.672	5.5	115	0.00
86 T	p-Isopropyltoluene	3.168	3.094	2.3	115	0.00
87 T	1,3-Dichlorobenzene	1.670	1.572	5.9	117	0.00
88 T	1,4-Dichlorobenzene	1.651	1.574	4.7	117	0.00
89 T	n-Butylbenzene	3.007	2.745	8.7	110	0.00
90 T	Hexachloroethane	0.599	0.554	7.5	117	0.00
91 T	1,2-Dichlorobenzene	1.460	1.414	3.2	119	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.130	0.093	28.5#	95	0.00
93 T	1,2,4-Trichlorobenzene	0.797	0.717	10.0	116	0.00
94 T	Hexachlorobutadiene	0.459	0.390	15.0	114	0.00
95 T	Naphthalene	1.782	1.515	15.0	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.644	8.0	120	0.00

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