

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051722\
 Data File : VY008798.D
 Acq On : 18 May 2022 01:43
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 18 08:00:50 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	103	0.00
2 T	Dichlorodifluoromethane	0.376	0.292	22.3	98	0.00
3 P	Chloromethane	0.583	0.469	19.6	99	0.00
4 C	Vinyl Chloride	0.825	0.685	17.0#	99	0.00
5 T	Bromomethane	0.631	0.565	10.5	109	0.00
6 T	Chloroethane	0.610	0.512	16.1	100	0.00
7 T	Trichlorofluoromethane	0.780	0.679	12.9	102	0.00
8 T	Diethyl Ether	0.222	0.227	-2.3	115	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.466	0.419	10.1	103	0.00
10 T	Methyl Iodide	0.518	0.510	1.5	107	0.00
11 T	Tert butyl alcohol	0.051	0.040	21.6	85	0.02
12 CM	1,1-Dichloroethene	0.424	0.380	10.4#	103	0.00
13 T	Acrolein	0.025	0.013	48.0#	80	0.00
14 T	Allyl chloride	0.624	0.603	3.4	110	0.00
15 T	Acrylonitrile	0.150	0.125	16.7	90	0.00
16 T	Acetone	0.119	0.090	24.4	89	0.00
17 T	Carbon Disulfide	1.249	1.062	15.0	103	0.00
18 T	Methyl Acetate	0.377	0.310	17.8	101	0.00
19 T	Methyl tert-butyl Ether	1.143	1.233	-7.9	118	0.00
20 T	Methylene Chloride	0.605	0.503	16.9	109	0.00
21 T	trans-1,2-Dichloroethene	0.520	0.486	6.5	106	0.00
22 T	Diisopropyl ether	1.322	1.534	-16.0	125	0.00
23 T	Vinyl Acetate	0.932	0.985	-5.7	110	0.00
24 P	1,1-Dichloroethane	0.877	0.899	-2.5	114	0.00
25 T	2-Butanone	0.195	0.165	15.4	91	0.00
26 T	2,2-Dichloropropane	0.834	0.749	10.2	100	0.00
27 T	cis-1,2-Dichloroethene	0.577	0.597	-3.5	115	0.00
28 T	Bromochloromethane	0.332	0.360	-8.4	114	0.00
29 T	Tetrahydrofuran	0.130	0.110	15.4	90	0.00
30 C	Chloroform	0.940	0.985	-4.8#	114	0.00
31 T	Cyclohexane	0.817	0.749	8.3	107	0.00
32 T	1,1,1-Trichloroethane	0.872	0.875	-0.3	109	0.00
33 S	1,2-Dichloroethane-d4	0.464	0.565	-21.8	115	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	110	0.00
35 S	Dibromofluoromethane	0.292	0.319	-9.2	115	0.00
36 T	1,1-Dichloropropene	0.468	0.428	8.5	107	0.00
37 T	Ethyl Acetate	0.279	0.227	18.6	97	0.00
38 T	Carbon Tetrachloride	0.501	0.459	8.4	108	0.00
39 T	Methylcyclohexane	0.555	0.535	3.6	111	0.00
40 TM	Benzene	1.309	1.289	1.5	112	0.00
41 T	Methacrylonitrile	0.147	0.119	19.0	95	0.00
42 TM	1,2-Dichloroethane	0.384	0.394	-2.6	119	0.00
43 T	Isopropyl Acetate	0.464	0.447	3.7	108	0.00
44 TM	Trichloroethene	0.356	0.340	4.5	110	0.00
45 C	1,2-Dichloropropane	0.311	0.326	-4.8#	118	0.00
46 T	Dibromomethane	0.204	0.201	1.5	115	0.00
47 T	Bromodichloromethane	0.453	0.482	-6.4	121	0.00
48 T	Methyl methacrylate	0.204	0.198	2.9	108	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.002	33.3#	89	0.00
50 S	Toluene-d8	1.136	1.372	-20.8	116	0.00
51 T	4-Methyl-2-Pentanone	0.274	0.253	7.7	101	0.00
52 CM	Toluene	0.890	0.963	-8.2#	118	0.00
53 T	t-1,3-Dichloropropene	0.471	0.506	-7.4	117	0.00
54 T	cis-1,3-Dichloropropene	0.508	0.527	-3.7	117	0.00
55 T	1,1,2-Trichloroethane	0.278	0.296	-6.5	117	0.00
56 T	Ethyl methacrylate	0.337	0.379	-12.5	119	0.00
57 T	1,3-Dichloropropane	0.457	0.484	-5.9	118	0.00
58 T	2-Chloroethyl Vinyl ether	0.172	0.187	-8.7	115	0.00
59 T	2-Hexanone	0.196	0.179	8.7	96	0.00
60 T	Dibromochloromethane	0.334	0.368	-10.2	123	0.00
61 T	1,2-Dibromoethane	0.277	0.292	-5.4	116	0.00
62 S	4-Bromofluorobenzene	0.400	0.513	-28.2#	124	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	117	0.00
64 T	Tetrachloroethene	0.320	0.288	10.0	113	0.00
65 PM	Chlorobenzene	1.012	0.998	1.4	120	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.387	-4.6	127	0.00
67 C	Ethyl Benzene	1.807	1.837	-1.7#	120	0.00
68 T	m/p-Xylenes	0.720	0.767	-6.5	121	0.00
69 T	o-Xylene	0.665	0.728	-9.5	124	0.00
70 T	Styrene	1.126	1.283	-13.9	126	0.00
71 P	Bromoform	0.251	0.251	0.0	118	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	120	0.00
73 T	Isopropylbenzene	3.429	3.179	7.3	123	0.00
74 T	N-amyl acetate	0.819	0.722	11.8	115	0.00
75 P	1,1,2,2-Tetrachloroethane	0.762	0.638	16.3	116	0.00
76 T	1,2,3-Trichloropropane	0.578	0.554	4.2	133	0.00
77 T	Bromobenzene	0.795	0.713	10.3	123	0.00
78 T	n-propylbenzene	4.213	3.896	7.5	120	0.00
79 T	2-Chlorotoluene	2.282	2.176	4.6	124	0.00
80 T	1,3,5-Trimethylbenzene	2.769	2.772	-0.1	124	0.00
81 T	trans-1,4-Dichloro-2-butene	0.264	0.205	22.3	100	0.00
82 T	4-Chlorotoluene	2.411	2.377	1.4	122	0.00
83 T	tert-Butylbenzene	2.490	2.429	2.4	121	0.00
84 T	1,2,4-Trimethylbenzene	2.741	2.815	-2.7	126	0.00
85 T	sec-Butylbenzene	3.885	3.837	1.2	121	0.00
86 T	p-Isopropyltoluene	3.168	3.251	-2.6	122	0.00
87 T	1,3-Dichlorobenzene	1.670	1.646	1.4	124	0.00
88 T	1,4-Dichlorobenzene	1.651	1.629	1.3	122	0.00
89 T	n-Butylbenzene	3.007	2.862	4.8	117	0.00
90 T	Hexachloroethane	0.599	0.580	3.2	124	0.00
91 T	1,2-Dichlorobenzene	1.460	1.466	-0.4	125	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.130	0.097	25.4#	101	0.00
93 T	1,2,4-Trichlorobenzene	0.797	0.739	7.3	122	0.00
94 T	Hexachlorobutadiene	0.459	0.409	10.9	121	0.00
95 T	Naphthalene	1.782	1.563	12.3	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.700	0.652	6.9	123	0.00

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