

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008599.D
 Acq On : 03 May 2022 18:02
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 04 02:43:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 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	109	0.00
2 T	Dichlorodifluoromethane	0.501	0.495	1.2	120	0.00
3 P	Chloromethane	0.582	0.574	1.4	113	0.00
4 C	Vinyl Chloride	0.700	0.704	-0.6#	113	0.00
5 T	Bromomethane	0.580	0.556	4.1	115	0.00
6 T	Chloroethane	0.449	0.447	0.4	112	0.00
7 T	Trichlorofluoromethane	0.947	0.993	-4.9	119	0.00
8 T	Diethyl Ether	0.303	0.309	-2.0	113	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.557	0.608	-9.2	125	0.00
10 T	Methyl Iodide	0.690	0.649	5.9	95	0.00
11 T	Tert butyl alcohol	0.058	0.050	13.8	115	0.00
12 CM	1,1-Dichloroethene	0.525	0.568	-8.2#	121	0.00
13 T	Acrolein	0.066	0.054	18.2	93	0.00
14 T	Allyl chloride	0.628	0.692	-10.2	121	0.00
15 T	Acrylonitrile	0.138	0.136	1.4	110	0.00
16 T	Acetone	0.105	0.096	8.6	100	0.00
17 T	Carbon Disulfide	1.492	1.659	-11.2	123	0.00
18 T	Methyl Acetate	0.335	0.290	13.4	109	0.00
19 T	Methyl tert-butyl Ether	1.447	1.447	0.0	112	0.00
20 T	Methylene Chloride	0.799	0.637	20.3	112	0.00
21 T	trans-1,2-Dichloroethene	0.596	0.653	-9.6	122	0.00
22 T	Diisopropyl ether	1.450	1.570	-8.3	119	0.00
23 T	Vinyl Acetate	0.947	1.003	-5.9	112	0.00
24 P	1,1-Dichloroethane	0.914	0.992	-8.5	120	0.00
25 T	2-Butanone	0.168	0.164	2.4	108	0.00
26 T	2,2-Dichloropropane	0.876	0.933	-6.5	117	0.00
27 T	cis-1,2-Dichloroethene	0.682	0.731	-7.2	119	0.00
28 T	Bromochloromethane	0.350	0.323	7.7	102	0.00
29 T	Tetrahydrofuran	0.111	0.110	0.9	110	0.00
30 C	Chloroform	1.024	1.089	-6.3#	117	0.00
31 T	Cyclohexane	0.839	0.932	-11.1	128	0.00
32 T	1,1,1-Trichloroethane	0.939	1.020	-8.6	120	0.00
33 S	1,2-Dichloroethane-d4	0.486	0.474	2.5	103	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	111	0.00
35 S	Dibromofluoromethane	0.331	0.331	0.0	108	0.00
36 T	1,1-Dichloropropene	0.514	0.572	-11.3	125	0.00
37 T	Ethyl Acetate	0.264	0.251	4.9	109	0.00
38 T	Carbon Tetrachloride	0.587	0.626	-6.6	119	0.00
39 T	Methylcyclohexane	0.679	0.770	-13.4	126	0.00
40 TM	Benzene	1.486	1.632	-9.8	122	0.00
41 T	Methacrylonitrile	0.116	0.135	-16.4	141	0.00
42 TM	1,2-Dichloroethane	0.430	0.426	0.9	110	0.00
43 T	Isopropyl Acetate	0.480	0.472	1.7	109	0.00
44 TM	Trichloroethene	0.466	0.497	-6.7	121	0.00
45 C	1,2-Dichloropropane	0.347	0.385	-11.0#	122	0.00
46 T	Dibromomethane	0.242	0.243	-0.4	112	0.00
47 T	Bromodichloromethane	0.527	0.556	-5.5	116	0.00
48 T	Methyl methacrylate	0.211	0.216	-2.4	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	108	0.00
50 S	Toluene-d8	1.172	1.230	-4.9	112	0.00
51 T	4-Methyl-2-Pentanone	0.252	0.249	1.2	110	0.00
52 CM	Toluene	0.993	1.092	-10.0#	122	0.00
53 T	t-1,3-Dichloropropene	0.557	0.575	-3.2	113	0.00
54 T	cis-1,3-Dichloropropene	0.619	0.663	-7.1	117	0.00
55 T	1,1,2-Trichloroethane	0.337	0.346	-2.7	115	0.00
56 T	Ethyl methacrylate	0.426	0.441	-3.5	112	0.00
57 T	1,3-Dichloropropane	0.538	0.556	-3.3	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.216	0.212	1.9	104	0.00
59 T	2-Hexanone	0.172	0.171	0.6	108	0.00
60 T	Dibromochloromethane	0.422	0.436	-3.3	113	0.00
61 T	1,2-Dibromoethane	0.341	0.340	0.3	111	0.00
62 S	4-Bromofluorobenzene	0.430	0.432	-0.5	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	111	0.00
64 T	Tetrachloroethene	0.456	0.486	-6.6	122	0.00
65 PM	Chlorobenzene	1.204	1.284	-6.6	119	0.00
66 T	1,1,1,2-Tetrachloroethane	0.455	0.476	-4.6	116	0.00
67 C	Ethyl Benzene	2.026	2.239	-10.5#	122	0.00
68 T	m/p-Xylenes	0.828	0.907	-9.5	123	0.00
69 T	o-Xylene	0.793	0.860	-8.4	121	0.00
70 T	Styrene	1.319	1.443	-9.4	120	0.00
71 P	Bromoform	0.302	0.300	0.7	110	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	107	0.00
73 T	Isopropylbenzene	3.901	4.389	-12.5	123	0.00
74 T	N-amyl acetate	0.872	0.901	-3.3	109	0.00
75 P	1,1,2,2-Tetrachloroethane	0.789	0.814	-3.2	113	0.00
76 T	1,2,3-Trichloropropane	0.534	0.573	-7.3	125	0.00
77 T	Bromobenzene	1.029	1.065	-3.5	115	0.00
78 T	n-propylbenzene	4.539	5.171	-13.9	124	0.00
79 T	2-Chlorotoluene	2.556	2.815	-10.1	120	0.00
80 T	1,3,5-Trimethylbenzene	3.223	3.604	-11.8	121	0.00
81 T	trans-1,4-Dichloro-2-butene	0.263	0.274	-4.2	110	0.00
82 T	4-Chlorotoluene	2.633	2.937	-11.5	121	0.00
83 T	tert-Butylbenzene	2.886	3.245	-12.4	122	0.00
84 T	1,2,4-Trimethylbenzene	3.203	3.529	-10.2	119	0.00
85 T	sec-Butylbenzene	4.254	4.809	-13.0	123	0.00
86 T	p-Isopropyltoluene	3.612	4.013	-11.1	119	0.00
87 T	1,3-Dichlorobenzene	1.990	2.068	-3.9	114	0.00
88 T	1,4-Dichlorobenzene	1.963	2.056	-4.7	116	0.00
89 T	n-Butylbenzene	3.181	3.562	-12.0	120	0.00
90 T	Hexachloroethane	0.669	0.746	-11.5	121	0.00
91 T	1,2-Dichlorobenzene	1.776	1.814	-2.1	112	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.120	0.111	7.5	103	0.00
93 T	1,2,4-Trichlorobenzene	1.133	1.122	1.0	108	0.00
94 T	Hexachlorobutadiene	0.640	0.631	1.4	108	0.00
95 T	Naphthalene	2.273	2.141	5.8	102	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.006	0.950	5.6	103	0.00

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