

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022322\
 Data File : VY007592.D
 Acq On : 23 Feb 2022 11:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Feb 24 07:34:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 24 07:13:58 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	59	0.00
2 T	Dichlorodifluoromethane	0.618	0.903	-46.1#	106	0.00
3 P	Chloromethane	0.653	0.883	-35.2#	103	0.00
4 C	Vinyl Chloride	0.734	1.064	-45.0#	103	0.00
5 T	Bromomethane	0.531	0.761	-43.3#	102	0.00
6 T	Chloroethane	0.467	0.682	-46.0#	103	0.00
7 T	Trichlorofluoromethane	1.415	2.221	-57.0#	110	0.00
8 T	Diethyl Ether	0.361	0.487	-34.9#	91	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.608	0.928	-52.6#	105	0.00
10 T	Methyl Iodide	0.742	1.196	-61.2#	100	0.00
11 T	Tert butyl alcohol	0.056	0.073	-30.4#	89	0.00
12 CM	1,1-Dichloroethene	0.565	0.844	-49.4#	100	0.00
13 T	Acrolein	0.072	0.030	58.3#	29#	0.00
14 T	Allyl chloride	0.522	0.782	-49.8#	99	0.00
15 T	Acrylonitrile	0.125	0.168	-34.4#	90	0.00
16 T	Acetone	0.127	0.205	-61.4#	108	0.00
17 T	Carbon Disulfide	1.404	1.992	-41.9#	102	0.00
18 T	Methyl Acetate	0.288	0.335	-16.3	87	0.00
19 T	Methyl tert-butyl Ether	1.518	2.129	-40.3#	94	0.00
20 T	Methylene Chloride	0.700	0.838	-19.7	90	0.00
21 T	trans-1,2-Dichloroethene	0.563	0.786	-39.6#	99	0.00
22 T	Diisopropyl ether	1.097	1.430	-30.4#	92	0.00
23 T	Vinyl Acetate	0.791	1.115	-41.0#	94	0.00
24 P	1,1-Dichloroethane	0.838	1.223	-45.9#	99	0.00
25 T	2-Butanone	0.144	0.199	-38.2#	95	0.00
26 T	2,2-Dichloropropane	0.941	1.445	-53.6#	105	0.00
27 T	cis-1,2-Dichloroethene	0.654	0.935	-43.0#	97	0.00
28 T	Bromochloromethane	0.286	0.376	-31.5#	89	0.00
29 T	Tetrahydrofuran	0.084	0.105	-25.0	90	0.00
30 C	Chloroform	1.073	1.562	-45.6#	100	0.00
31 T	Cyclohexane	0.717	0.928	-29.4#	104	0.00
32 T	1,1,1-Trichloroethane	1.067	1.623	-52.1#	106	0.00
33 S	1,2-Dichloroethane-d4	0.556	0.646	-16.2	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	64	0.00
35 S	Dibromofluoromethane	0.315	0.332	-5.4	77	0.00
36 T	1,1-Dichloropropene	0.455	0.596	-31.0#	100	0.00
37 T	Ethyl Acetate	0.205	0.240	-17.1	92	0.00
38 T	Carbon Tetrachloride	0.666	0.928	-39.3#	105	0.00
39 T	Methylcyclohexane	0.583	0.763	-30.9#	102	0.00
40 TM	Benzene	1.297	1.694	-30.6#	98	0.00
41 T	Methacrylonitrile	0.113	0.346	-206.2#	210#	0.02
42 TM	1,2-Dichloroethane	0.475	0.614	-29.3#	96	0.00
43 T	Isopropyl Acetate	0.418	0.499	-19.4	89	0.00
44 TM	Trichloroethene	0.440	0.599	-36.1#	103	0.00
45 C	1,2-Dichloropropane	0.276	0.357	-29.3#	96	0.00
46 T	Dibromomethane	0.237	0.303	-27.8#	95	0.00
47 T	Bromodichloromethane	0.533	0.739	-38.6#	101	0.00
48 T	Methyl methacrylate	0.176	0.210	-19.3	90	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	88	0.00
50 S	Toluene-d8	1.082	0.998	7.8	71	0.00
51 T	4-Methyl-2-Pentanone	0.210	0.256	-21.9	90	0.00
52 CM	Toluene	0.885	1.142	-29.0#	100	0.00
53 T	t-1,3-Dichloropropene	0.535	0.682	-27.5#	101	0.00
54 T	cis-1,3-Dichloropropene	0.565	0.718	-27.1#	95	0.00
55 T	1,1,2-Trichloroethane	0.305	0.380	-24.6	98	0.00
56 T	Ethyl methacrylate	0.359	0.445	-24.0	94	0.00
57 T	1,3-Dichloropropane	0.468	0.586	-25.2#	95	0.00
58 T	2-Chloroethyl Vinyl ether	0.175	0.230	-31.4#	90	0.00
59 T	2-Hexanone	0.150	0.187	-24.7	94	0.00
60 T	Dibromochloromethane	0.412	0.541	-31.3#	97	0.00
61 T	1,2-Dibromoethane	0.307	0.379	-23.5	93	0.00
62 S	4-Bromofluorobenzene	0.399	0.368	7.8	76	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
64 T	Tetrachloroethene	0.441	0.535	-21.3	104	0.00
65 PM	Chlorobenzene	1.090	1.374	-26.1#	101	0.00
66 T	1,1,1,2-Tetrachloroethane	0.432	0.550	-27.3#	100	0.00
67 C	Ethyl Benzene	1.828	2.338	-27.9#	103	0.00
68 T	m/p-Xylenes	0.716	0.893	-24.7	103	0.00
69 T	o-Xylene	0.704	0.873	-24.0	103	0.00
70 T	Styrene	1.178	1.466	-24.4	103	0.00
71 P	Bromoform	0.286	0.332	-16.1	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	72	0.00
73 T	Isopropylbenzene	3.851	4.943	-28.4#	104	0.00
74 T	N-amyl acetate	0.750	0.946	-26.1#	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.698	0.814	-16.6	93	0.00
76 T	1,2,3-Trichloropropane	0.500	1.181	-136.2#	189#	0.00
77 T	Bromobenzene	1.004	1.220	-21.5	99	0.00
78 T	n-propylbenzene	4.448	5.734	-28.9#	104	0.00
79 T	2-Chlorotoluene	2.476	3.098	-25.1#	104	0.00
80 T	1,3,5-Trimethylbenzene	3.276	4.203	-28.3#	103	0.00
81 T	trans-1,4-Dichloro-2-butene	0.233	0.276	-18.5	94	0.00
82 T	4-Chlorotoluene	2.525	3.193	-26.5#	102	0.00
83 T	tert-Butylbenzene	2.928	3.732	-27.5#	102	0.00
84 T	1,2,4-Trimethylbenzene	3.211	4.090	-27.4#	102	0.00
85 T	sec-Butylbenzene	4.137	5.336	-29.0#	104	0.00
86 T	p-Isopropyltoluene	3.555	4.611	-29.7#	103	0.00
87 T	1,3-Dichlorobenzene	1.865	2.366	-26.9#	102	0.00
88 T	1,4-Dichlorobenzene	1.826	2.307	-26.3#	102	0.00
89 T	n-Butylbenzene	3.201	4.165	-30.1#	103	0.00
90 T	Hexachloroethane	0.717	0.936	-30.5#	104	0.00
91 T	1,2-Dichlorobenzene	1.694	2.080	-22.8	98	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.140	0.170	-21.4	91	0.00
93 T	1,2,4-Trichlorobenzene	1.181	1.513	-28.1#	100	0.00
94 T	Hexachlorobutadiene	0.655	0.876	-33.7#	101	0.00
95 T	Naphthalene	2.536	3.062	-20.7	92	0.00

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

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	1.021	1.300	-27.3#	98	0.00

(#) = Out of Range

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