

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071122\
 Data File : VY009520.D
 Acq On : 11 Jul 2022 18:57
 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: Jul 12 05:05:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 08 11:00:56 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	68	0.00
2 T	Dichlorodifluoromethane	0.383	0.414	-8.1	74	0.00
3 P	Chloromethane	0.428	0.525	-22.7	79	0.00
4 C	Vinyl Chloride	0.488	0.610	-25.0#	79	0.00
5 T	Bromomethane	0.350	0.384	-9.7	76	0.00
6 T	Chloroethane	0.285	0.353	-23.9	85	0.00
7 T	Trichlorofluoromethane	0.651	0.775	-19.0	79	0.00
8 T	Diethyl Ether	0.249	0.282	-13.3	74	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.441	0.457	-3.6	70	0.00
10 T	Methyl Iodide	0.523	0.590	-12.8	69	0.00
11 T	Tert butyl alcohol	0.077	0.055	28.6#	61	0.00
12 CM	1,1-Dichloroethene	0.409	0.449	-9.8#	71	0.00
13 T	Acrolein	0.031	0.008	74.2#	14#	0.00
14 T	Allyl chloride	0.704	0.680	3.4	59	0.00
15 T	Acrylonitrile	0.137	0.152	-10.9	72	0.00
16 T	Acetone	0.122	0.137	-12.3	57	0.00
17 T	Carbon Disulfide	1.151	2.228	-93.6#	110	0.00
18 T	Methyl Acetate	0.357	0.538	-50.7#	110	0.00
19 T	Methyl tert-butyl Ether	1.238	1.452	-17.3	78	0.00
20 T	Methylene Chloride	0.685	0.568	17.1	68	0.00
21 T	trans-1,2-Dichloroethene	0.479	0.511	-6.7	68	0.00
22 T	Diisopropyl ether	1.496	1.823	-21.9	74	0.00
23 T	Vinyl Acetate	0.957	0.926	3.2	56	0.00
24 P	1,1-Dichloroethane	0.844	0.948	-12.3	73	0.00
25 T	2-Butanone	0.197	0.219	-11.2	65	0.00
26 T	2,2-Dichloropropane	0.832	0.783	5.9	64	0.00
27 T	cis-1,2-Dichloroethene	0.564	0.619	-9.8	73	0.00
28 T	Bromochloromethane	0.355	0.399	-12.4	72	0.00
29 T	Tetrahydrofuran	0.127	0.150	-18.1	75	0.00
30 C	Chloroform	0.923	0.994	-7.7#	75	0.00
31 T	Cyclohexane	0.820	0.784	4.4	61	0.00
32 T	1,1,1-Trichloroethane	0.814	0.881	-8.2	73	0.00
33 S	1,2-Dichloroethane-d4	0.427	0.364	14.8	75	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	69	0.00
35 S	Dibromofluoromethane	0.263	0.240	8.7	73	0.00
36 T	1,1-Dichloropropene	0.428	0.448	-4.7	67	0.00
37 T	Ethyl Acetate	0.268	0.288	-7.5	70	0.00
38 T	Carbon Tetrachloride	0.458	0.485	-5.9	70	0.00
39 T	Methylcyclohexane	0.514	0.436	15.2	51	0.00
40 TM	Benzene	1.258	1.351	-7.4	69	0.00
41 T	Methacrylonitrile	0.139	0.196	-41.0#	88	0.01
42 TM	1,2-Dichloroethane	0.378	0.427	-13.0	76	0.00
43 T	Isopropyl Acetate	0.501	0.571	-14.0	75	0.00
44 TM	Trichloroethene	0.355	0.374	-5.4	69	0.00
45 C	1,2-Dichloropropane	0.318	0.351	-10.4#	72	0.00
46 T	Dibromomethane	0.187	0.210	-12.3	74	0.00
47 T	Bromodichloromethane	0.445	0.486	-9.2	74	0.00
48 T	Methyl methacrylate	0.216	0.275	-27.3#	81	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	77	0.00
50 S	Toluene-d8	0.904	0.689	23.8	70	0.00
51 T	4-Methyl-2-Pentanone	0.263	0.321	-22.1	78	0.00
52 CM	Toluene	0.801	0.894	-11.6#	70	0.00
53 T	t-1,3-Dichloropropene	0.469	0.501	-6.8	69	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.551	-5.6	69	0.00
55 T	1,1,2-Trichloroethane	0.270	0.300	-11.1	73	0.00
56 T	Ethyl methacrylate	0.358	0.424	-18.4	72	0.00
57 T	1,3-Dichloropropane	0.444	0.509	-14.6	75	0.00
58 T	2-Chloroethyl Vinyl ether	0.175	0.185	-5.7	66	0.00
59 T	2-Hexanone	0.183	0.224	-22.4	73	0.00
60 T	Dibromochloromethane	0.326	0.366	-12.3	73	0.00
61 T	1,2-Dibromoethane	0.258	0.291	-12.8	73	0.00
62 S	4-Bromofluorobenzene	0.371	0.355	4.3	69	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	69	0.00
64 T	Tetrachloroethene	0.418	0.446	-6.7	69	0.00
65 PM	Chlorobenzene	0.982	1.042	-6.1	69	0.00
66 T	1,1,1,2-Tetrachloroethane	0.369	0.414	-12.2	74	0.00
67 C	Ethyl Benzene	1.714	1.849	-7.9#	69	0.00
68 T	m/p-Xylenes	0.669	0.725	-8.4	69	0.00
69 T	o-Xylene	0.641	0.729	-13.7	72	0.00
70 T	Styrene	1.070	1.161	-8.5	69	0.00
71 P	Bromoform	0.235	0.281	-19.6	77	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	62	0.00
73 T	Isopropylbenzene	3.419	3.928	-14.9	67	0.00
74 T	N-amyl acetate	0.973	0.999	-2.7	62	0.00
75 P	1,1,2,2-Tetrachloroethane	0.685	0.873	-27.4#	75	0.00
76 T	1,2,3-Trichloropropane	0.529	0.649	-22.7	67	0.00
77 T	Bromobenzene	0.832	0.978	-17.5	70	0.00
78 T	n-propylbenzene	4.131	4.421	-7.0	62	0.00
79 T	2-Chlorotoluene	2.313	2.636	-14.0	67	0.00
80 T	1,3,5-Trimethylbenzene	2.858	3.135	-9.7	64	0.00
81 T	trans-1,4-Dichloro-2-butene	0.259	0.293	-13.1	65	0.00
82 T	4-Chlorotoluene	2.424	2.688	-10.9	66	0.00
83 T	tert-Butylbenzene	2.543	2.687	-5.7	62	0.00
84 T	1,2,4-Trimethylbenzene	2.845	3.204	-12.6	66	0.00
85 T	sec-Butylbenzene	3.745	3.507	6.4	55	0.00
86 T	p-Isopropyltoluene	3.122	2.940	5.8	56	0.00
87 T	1,3-Dichlorobenzene	1.643	1.674	-1.9	62	0.00
88 T	1,4-Dichlorobenzene	1.663	1.698	-2.1	62	0.00
89 T	n-Butylbenzene	2.915	2.337	19.8	48#	0.00
90 T	Hexachloroethane	0.613	0.548	10.6	54	0.00
91 T	1,2-Dichlorobenzene	1.506	1.605	-6.6	66	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.120	0.149	-24.2	75	0.00
93 T	1,2,4-Trichlorobenzene	0.918	0.605	34.1#	40#	0.00
94 T	Hexachlorobutadiene	0.505	0.193	61.8#	24#	0.00
95 T	Naphthalene	1.899	1.917	-0.9	59	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.795	0.526	33.8#	40#	0.00

(#) = Out of Range

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