

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071222\
 Data File : VY009546.D
 Acq On : 12 Jul 2022 20:29
 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: Jul 13 01:17:37 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	80	0.00
2 T	Dichlorodifluoromethane	0.383	0.407	-6.3	85	0.00
3 P	Chloromethane	0.428	0.474	-10.7	84	0.00
4 C	Vinyl Chloride	0.488	0.574	-17.6#	87	0.00
5 T	Bromomethane	0.350	0.364	-4.0	84	0.00
6 T	Chloroethane	0.285	0.328	-15.1	93	0.00
7 T	Trichlorofluoromethane	0.651	0.759	-16.6	91	0.00
8 T	Diethyl Ether	0.249	0.260	-4.4	81	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.441	0.455	-3.2	82	0.00
10 T	Methyl Iodide	0.523	0.612	-17.0	84	0.00
11 T	Tert butyl alcohol	0.077	0.050	35.1#	65	0.00
12 CM	1,1-Dichloroethene	0.409	0.434	-6.1#	81	0.00
13 T	Acrolein	0.031	0.028	9.7	56	0.00
14 T	Allyl chloride	0.704	0.744	-5.7	75	0.00
15 T	Acrylonitrile	0.137	0.141	-2.9	78	0.00
16 T	Acetone	0.122	0.105	13.9	52	0.00
17 T	Carbon Disulfide	1.151	1.277	-10.9	74	0.00
18 T	Methyl Acetate	0.357	0.334	6.4	80	0.00
19 T	Methyl tert-butyl Ether	1.238	1.337	-8.0	84	0.00
20 T	Methylene Chloride	0.685	0.549	19.9	77	0.00
21 T	trans-1,2-Dichloroethene	0.479	0.517	-7.9	80	0.00
22 T	Diisopropyl ether	1.496	1.760	-17.6	84	0.00
23 T	Vinyl Acetate	0.957	1.121	-17.1	79	0.00
24 P	1,1-Dichloroethane	0.844	0.901	-6.8	82	0.00
25 T	2-Butanone	0.197	0.191	3.0	67	0.00
26 T	2,2-Dichloropropane	0.832	0.749	10.0	72	0.00
27 T	cis-1,2-Dichloroethene	0.564	0.599	-6.2	83	0.00
28 T	Bromochloromethane	0.355	0.377	-6.2	80	0.00
29 T	Tetrahydrofuran	0.127	0.133	-4.7	78	0.00
30 C	Chloroform	0.923	0.959	-3.9#	84	0.00
31 T	Cyclohexane	0.820	0.839	-2.3	76	0.00
32 T	1,1,1-Trichloroethane	0.814	0.866	-6.4	84	0.00
33 S	1,2-Dichloroethane-d4	0.427	0.366	14.3	88	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.263	0.256	2.7	88	0.00
36 T	1,1-Dichloropropene	0.428	0.476	-11.2	81	0.00
37 T	Ethyl Acetate	0.268	0.285	-6.3	79	0.00
38 T	Carbon Tetrachloride	0.458	0.513	-12.0	84	0.00
39 T	Methylcyclohexane	0.514	0.588	-14.4	78	0.00
40 TM	Benzene	1.258	1.373	-9.1	80	0.00
41 T	Methacrylonitrile	0.139	0.158	-13.7	81	0.00
42 TM	1,2-Dichloroethane	0.378	0.415	-9.8	84	0.00
43 T	Isopropyl Acetate	0.501	0.555	-10.8	82	0.00
44 TM	Trichloroethene	0.355	0.386	-8.7	81	0.00
45 C	1,2-Dichloropropane	0.318	0.350	-10.1#	81	0.00
46 T	Dibromomethane	0.187	0.207	-10.7	83	0.00
47 T	Bromodichloromethane	0.445	0.492	-10.6	85	0.00
48 T	Methyl methacrylate	0.216	0.250	-15.7	83	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	80	0.00
50 S	Toluene-d8	0.904	0.762	15.7	88	0.00
51 T	4-Methyl-2-Pentanone	0.263	0.301	-14.4	83	0.00
52 CM	Toluene	0.801	0.928	-15.9#	83	0.00
53 T	t-1,3-Dichloropropene	0.469	0.528	-12.6	82	0.00
54 T	cis-1,3-Dichloropropene	0.522	0.570	-9.2	80	0.00
55 T	1,1,2-Trichloroethane	0.270	0.299	-10.7	82	0.00
56 T	Ethyl methacrylate	0.358	0.425	-18.7	82	0.00
57 T	1,3-Dichloropropane	0.444	0.503	-13.3	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.175	0.197	-12.6	79	0.00
59 T	2-Hexanone	0.183	0.209	-14.2	78	0.00
60 T	Dibromochloromethane	0.326	0.373	-14.4	84	0.00
61 T	1,2-Dibromoethane	0.258	0.293	-13.6	84	0.00
62 S	4-Bromofluorobenzene	0.371	0.421	-13.5	92	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	82	0.00
64 T	Tetrachloroethene	0.418	0.408	2.4	75	0.00
65 PM	Chlorobenzene	0.982	1.080	-10.0	86	0.00
66 T	1,1,1,2-Tetrachloroethane	0.369	0.406	-10.0	87	0.00
67 C	Ethyl Benzene	1.714	1.917	-11.8#	86	0.00
68 T	m/p-Xylenes	0.669	0.774	-15.7	88	0.00
69 T	o-Xylene	0.641	0.742	-15.8	87	0.00
70 T	Styrene	1.070	1.282	-19.8	91	0.00
71 P	Bromoform	0.235	0.273	-16.2	89	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.419	3.748	-9.6	89	0.00
74 T	N-amyl acetate	0.973	1.095	-12.5	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.685	0.754	-10.1	91	0.00
76 T	1,2,3-Trichloropropane	0.529	0.539	-1.9	78	0.00
77 T	Bromobenzene	0.832	0.890	-7.0	89	0.00
78 T	n-propylbenzene	4.131	4.555	-10.3	89	0.00
79 T	2-Chlorotoluene	2.313	2.585	-11.8	91	0.00
80 T	1,3,5-Trimethylbenzene	2.858	3.142	-9.9	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.259	0.264	-1.9	82	0.00
82 T	4-Chlorotoluene	2.424	2.678	-10.5	91	0.00
83 T	tert-Butylbenzene	2.543	2.864	-12.6	92	0.00
84 T	1,2,4-Trimethylbenzene	2.845	3.159	-11.0	91	0.00
85 T	sec-Butylbenzene	3.745	4.207	-12.3	92	0.00
86 T	p-Isopropyltoluene	3.122	3.483	-11.6	92	0.00
87 T	1,3-Dichlorobenzene	1.643	1.782	-8.5	92	0.00
88 T	1,4-Dichlorobenzene	1.663	1.797	-8.1	92	0.00
89 T	n-Butylbenzene	2.915	3.248	-11.4	92	0.00
90 T	Hexachloroethane	0.613	0.674	-10.0	92	0.00
91 T	1,2-Dichlorobenzene	1.506	1.643	-9.1	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.120	0.124	-3.3	86	0.00
93 T	1,2,4-Trichlorobenzene	0.918	0.943	-2.7	87	0.00
94 T	Hexachlorobutadiene	0.505	0.522	-3.4	89	0.00
95 T	Naphthalene	1.899	2.010	-5.8	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.795	0.823	-3.5	88	0.00

(#) = Out of Range

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