

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051322\
 Data File : VY008763.D
 Acq On : 13 May 2022 20:42
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 16 05:56:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051222S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 13 02:08:33 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	61	0.00
2 T	Dichlorodifluoromethane	0.416	0.428	-2.9	74	0.00
3 P	Chloromethane	0.784	0.913	-16.5	77	0.00
4 C	Vinyl Chloride	1.050	1.238	-17.9#	76	0.00
5 T	Bromomethane	1.039	1.176	-13.2	82	0.00
6 T	Chloroethane	0.724	0.865	-19.5	77	0.00
7 T	Trichlorofluoromethane	0.866	1.002	-15.7	75	0.00
8 T	Diethyl Ether	0.267	0.353	-32.2#	86	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.513	0.618	-20.5	77	0.00
10 T	Methyl Iodide	0.462	0.583	-26.2#	70	0.00
11 T	Tert butyl alcohol	0.116	0.062	46.6#	72	0.00
12 CM	1,1-Dichloroethene	0.469	0.555	-18.3#	76	0.00
13 T	Acrolein	0.032	0.031	3.1	81	0.00
14 T	Allyl chloride	0.663	0.805	-21.4	78	0.00
15 T	Acrylonitrile	0.136	0.188	-38.2#	94	0.00
16 T	Acetone	0.109	0.132	-21.1	81	0.00
17 T	Carbon Disulfide	1.336	1.537	-15.0	76	0.00
18 T	Methyl Acetate	0.412	0.412	0.0	90	0.00
19 T	Methyl tert-butyl Ether	1.392	1.826	-31.2#	85	0.00
20 T	Methylene Chloride	0.784	0.769	1.9	83	0.00
21 T	trans-1,2-Dichloroethene	0.572	0.683	-19.4	78	0.00
22 T	Diisopropyl ether	1.546	2.053	-32.8#	84	0.00
23 T	Vinyl Acetate	0.922	1.406	-52.5#	88	0.00
24 P	1,1-Dichloroethane	0.978	1.220	-24.7	79	0.00
25 T	2-Butanone	0.177	0.240	-35.6#	91	0.00
26 T	2,2-Dichloropropane	0.929	1.079	-16.1	72	0.00
27 T	cis-1,2-Dichloroethene	0.652	0.832	-27.6#	80	0.00
28 T	Bromochloromethane	0.390	0.464	-19.0	78	0.00
29 T	Tetrahydrofuran	0.114	0.160	-40.4#	94	0.00
30 C	Chloroform	1.042	1.332	-27.8#	80	0.00
31 T	Cyclohexane	0.904	0.999	-10.5	74	0.00
32 T	1,1,1-Trichloroethane	0.943	1.152	-22.2	77	0.00
33 S	1,2-Dichloroethane-d4	0.498	0.511	-2.6	66	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
35 S	Dibromofluoromethane	0.300	0.266	11.3	59	0.00
36 T	1,1-Dichloropropene	0.480	0.561	-16.9	76	0.00
37 T	Ethyl Acetate	0.243	0.324	-33.3#	96	0.00
38 T	Carbon Tetrachloride	0.506	0.594	-17.4	75	0.00
39 T	Methylcyclohexane	0.610	0.706	-15.7	74	0.00
40 TM	Benzene	1.394	1.676	-20.2	78	0.00
41 T	Methacrylonitrile	0.118	0.179	-51.7#	93	-0.01
42 TM	1,2-Dichloroethane	0.395	0.523	-32.4#	88	0.00
43 T	Isopropyl Acetate	0.458	0.616	-34.5#	90	0.00
44 TM	Trichloroethene	0.372	0.445	-19.6	76	0.00
45 C	1,2-Dichloropropane	0.337	0.434	-28.8#	83	0.00
46 T	Dibromomethane	0.214	0.279	-30.4#	86	0.00
47 T	Bromodichloromethane	0.495	0.632	-27.7#	83	0.00
48 T	Methyl methacrylate	0.196	0.265	-35.2#	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	97	0.00
50 S	Toluene-d8	1.132	0.920	18.7	54	0.00
51 T	4-Methyl-2-Pentanone	0.245	0.347	-41.6#	96	0.00
52 CM	Toluene	0.928	1.133	-22.1#	77	0.00
53 T	t-1,3-Dichloropropene	0.510	0.658	-29.0#	83	0.00
54 T	cis-1,3-Dichloropropene	0.570	0.720	-26.3#	82	0.00
55 T	1,1,2-Trichloroethane	0.293	0.395	-34.8#	88	0.00
56 T	Ethyl methacrylate	0.377	0.512	-35.8#	87	0.00
57 T	1,3-Dichloropropane	0.481	0.644	-33.9#	87	0.00
58 T	2-Chloroethyl Vinyl ether	0.197	0.271	-37.6#	89	0.00
59 T	2-Hexanone	0.165	0.236	-43.0#	94	0.00
60 T	Dibromochloromethane	0.350	0.469	-34.0#	86	0.00
61 T	1,2-Dibromoethane	0.282	0.368	-30.5#	88	0.00
62 S	4-Bromofluorobenzene	0.392	0.353	9.9	58	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	65	0.00
64 T	Tetrachloroethene	0.375	0.408	-8.8	77	0.00
65 PM	Chlorobenzene	1.063	1.243	-16.9	79	0.00
66 T	1,1,1,2-Tetrachloroethane	0.395	0.472	-19.5	80	0.00
67 C	Ethyl Benzene	1.909	2.214	-16.0#	75	0.00
68 T	m/p-Xylenes	0.761	0.906	-19.1	76	0.00
69 T	o-Xylene	0.716	0.864	-20.7	78	0.00
70 T	Styrene	1.192	1.484	-24.5	77	0.00
71 P	Bromoform	0.232	0.349	-50.4#	102	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	71	0.00
73 T	Isopropylbenzene	3.782	3.766	0.4	74	0.00
74 T	N-amyl acetate	0.874	1.023	-17.0	90	0.00
75 P	1,1,2,2-Tetrachloroethane	0.777	0.848	-9.1	90	0.00
76 T	1,2,3-Trichloropropane	0.503	0.596	-18.5	89	0.00
77 T	Bromobenzene	0.856	0.859	-0.4	79	0.00
78 T	n-propylbenzene	4.581	4.690	-2.4	76	0.00
79 T	2-Chlorotoluene	2.467	2.528	-2.5	76	0.00
80 T	1,3,5-Trimethylbenzene	3.084	3.245	-5.2	76	0.00
81 T	trans-1,4-Dichloro-2-butene	0.260	0.283	-8.8	85	0.00
82 T	4-Chlorotoluene	2.597	2.713	-4.5	76	0.00
83 T	tert-Butylbenzene	2.740	2.847	-3.9	76	0.00
84 T	1,2,4-Trimethylbenzene	3.065	3.392	-10.7	79	0.00
85 T	sec-Butylbenzene	4.158	4.400	-5.8	75	0.00
86 T	p-Isopropyltoluene	3.470	3.957	-14.0	80	0.00
87 T	1,3-Dichlorobenzene	1.779	2.038	-14.6	84	0.00
88 T	1,4-Dichlorobenzene	1.746	2.009	-15.1	85	0.00
89 T	n-Butylbenzene	3.246	3.419	-5.3	75	0.00
90 T	Hexachloroethane	0.640	0.678	-5.9	77	0.00
91 T	1,2-Dichlorobenzene	1.541	1.703	-10.5	83	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.115	0.123	-7.0	92	0.00
93 T	1,2,4-Trichlorobenzene	0.856	0.843	1.5	78	0.00
94 T	Hexachlorobutadiene	0.451	0.431	4.4	75	0.00
95 T	Naphthalene	1.829	1.908	-4.3	87	0.00

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96 T	1,2,3-Trichlorobenzene	0.758	0.746	1.6	81	0.00

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