

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013765.D
 Acq On : 16 May 2023 17:32
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 17 07:52:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 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	74	0.00
2 T	Dichlorodifluoromethane	0.475	0.493	-3.8	74	0.00
3 P	Chloromethane	0.637	0.715	-12.2	85	0.00
4 C	Vinyl Chloride	0.634	0.738	-16.4#	88	0.00
5 T	Bromomethane	0.506	0.586	-15.8	92	0.00
6 T	Chloroethane	0.438	0.490	-11.9	87	0.00
7 T	Trichlorofluoromethane	0.961	1.062	-10.5	82	0.00
8 T	Diethyl Ether	0.327	0.359	-9.8	80	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.623	-15.6	88	0.00
10 T	Methyl Iodide	0.677	0.662	2.2	66	0.00
11 T	Tert butyl alcohol	0.066	0.059	10.6	77	0.00
12 CM	1,1-Dichloroethene	0.520	0.557	-7.1#	78	0.00
13 T	Acrolein	0.054	0.031	42.6#	50	0.00
14 T	Allyl chloride	0.964	1.112	-15.4	84	0.00
15 T	Acrylonitrile	0.183	0.204	-11.5	80	0.00
16 T	Acetone	0.216	0.216	0.0	67	0.00
17 T	Carbon Disulfide	1.688	1.546	8.4	66	0.00
18 T	Methyl Acetate	0.713	0.781	-9.5	80	0.00
19 T	Methyl tert-butyl Ether	1.500	1.732	-15.5	82	0.00
20 T	Methylene Chloride	0.924	0.745	19.4	83	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.639	-12.5	81	0.00
22 T	Diisopropyl ether	1.885	2.452	-30.1#	94	0.00
23 T	Vinyl Acetate	1.067	1.441	-35.1#	95	0.00
24 P	1,1-Dichloroethane	1.050	1.288	-22.7	90	0.00
25 T	2-Butanone	0.274	0.294	-7.3	76	0.00
26 T	2,2-Dichloropropane	0.905	1.086	-20.0	88	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.750	-19.4	88	0.00
28 T	Bromochloromethane	0.373	0.463	-24.1	93	0.00
29 T	Tetrahydrofuran	0.170	0.184	-8.2	77	0.00
30 C	Chloroform	1.044	1.289	-23.5#	92	0.00
31 T	Cyclohexane	0.981	1.067	-8.8	84	0.00
32 T	1,1,1-Trichloroethane	0.932	1.112	-19.3	88	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.612	-11.7	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35 S	Dibromofluoromethane	0.314	0.366	-16.6	92	0.00
36 T	1,1-Dichloropropene	0.522	0.609	-16.7	87	0.00
37 T	Ethyl Acetate	0.393	0.423	-7.6	76	0.00
38 T	Carbon Tetrachloride	0.547	0.636	-16.3	85	0.00
39 T	Methylcyclohexane	0.615	0.711	-15.6	84	0.00
40 TM	Benzene	1.470	1.745	-18.7	87	0.00
41 T	Methacrylonitrile	0.183	0.232	-26.8#	91	0.00
42 TM	1,2-Dichloroethane	0.481	0.568	-18.1	86	0.00
43 T	Isopropyl Acetate	0.663	0.769	-16.0	83	0.00
44 TM	Trichloroethene	0.391	0.448	-14.6	84	0.00
45 C	1,2-Dichloropropane	0.384	0.481	-25.3#	92	0.00
46 T	Dibromomethane	0.230	0.268	-16.5	85	0.00
47 T	Bromodichloromethane	0.515	0.648	-25.8#	92	0.00
48 T	Methyl methacrylate	0.304	0.361	-18.8	82	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	72	0.00
50 S	Toluene-d8	1.119	1.201	-7.3	85	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.427	-15.7	81	0.00
52 CM	Toluene	0.885	1.092	-23.4#	90	0.00
53 T	t-1,3-Dichloropropene	0.545	0.667	-22.4	88	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.749	-22.2	89	0.00
55 T	1,1,2-Trichloroethane	0.305	0.362	-18.7	87	0.00
56 T	Ethyl methacrylate	0.423	0.523	-23.6	86	0.00
57 T	1,3-Dichloropropane	0.516	0.628	-21.7	89	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.176	-11.4	88	0.00
59 T	2-Hexanone	0.269	0.301	-11.9	77	0.00
60 T	Dibromochloromethane	0.370	0.448	-21.1	87	0.00
61 T	1,2-Dibromoethane	0.299	0.359	-20.1	86	0.00
62 S	4-Bromofluorobenzene	0.377	0.463	-22.8	98	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	78	0.00
64 T	Tetrachloroethene	0.380	0.420	-10.5	85	0.00
65 PM	Chlorobenzene	1.089	1.260	-15.7	89	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.495	-21.6	94	0.00
67 C	Ethyl Benzene	1.913	2.333	-22.0#	93	0.00
68 T	m/p-Xylenes	0.727	0.879	-20.9	92	0.00
69 T	o-Xylene	0.688	0.839	-21.9	91	0.00
70 T	Styrene	1.150	1.438	-25.0#	94	0.00
71 P	Bromoform	0.285	0.338	-18.6	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.782	4.229	-11.8	94	0.00
74 T	N-amyl acetate	1.346	1.462	-8.6	88	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	0.984	-6.5	90	0.00
76 T	1,2,3-Trichloropropane	0.674	0.650	3.6	80	0.00
77 T	Bromobenzene	0.916	0.998	-9.0	92	0.00
78 T	n-propylbenzene	4.658	5.264	-13.0	95	0.00
79 T	2-Chlorotoluene	2.601	2.929	-12.6	95	0.00
80 T	1,3,5-Trimethylbenzene	3.087	3.510	-13.7	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.341	-3.3	84	0.00
82 T	4-Chlorotoluene	2.711	3.014	-11.2	94	0.00
83 T	tert-Butylbenzene	2.674	3.152	-17.9	99	0.00
84 T	1,2,4-Trimethylbenzene	3.001	3.505	-16.8	97	0.00
85 T	sec-Butylbenzene	4.014	4.675	-16.5	98	0.00
86 T	p-Isopropyltoluene	3.228	3.784	-17.2	99	0.00
87 T	1,3-Dichlorobenzene	1.746	1.973	-13.0	97	0.00
88 T	1,4-Dichlorobenzene	1.764	1.948	-10.4	96	0.00
89 T	n-Butylbenzene	3.150	3.763	-19.5	101	0.00
90 T	Hexachloroethane	0.679	0.762	-12.2	98	0.00
91 T	1,2-Dichlorobenzene	1.577	1.793	-13.7	96	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.161	1.2	85	0.00
93 T	1,2,4-Trichlorobenzene	0.940	1.116	-18.7	102	0.00
94 T	Hexachlorobutadiene	0.547	0.668	-22.1	108	0.00
95 T	Naphthalene	2.039	2.247	-10.2	91	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.977	-16.6	99	0.00

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