

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050923\
 Data File : VY013676.D
 Acq On : 09 May 2023 18:18
 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: May 10 05:41:10 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	91	0.00
2 T	Dichlorodifluoromethane	0.475	0.468	1.5	87	0.00
3 P	Chloromethane	0.637	0.561	11.9	82	0.00
4 C	Vinyl Chloride	0.634	0.571	9.9#	84	0.00
5 T	Bromomethane	0.506	0.445	12.1	85	0.00
6 T	Chloroethane	0.438	0.379	13.5	83	0.00
7 T	Trichlorofluoromethane	0.961	1.009	-5.0	96	0.00
8 T	Diethyl Ether	0.327	0.328	-0.3	89	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.534	0.9	93	0.00
10 T	Methyl Iodide	0.677	0.614	9.3	76	0.00
11 T	Tert butyl alcohol	0.066	0.097	-47.0#	153#	-0.02
12 CM	1,1-Dichloroethene	0.520	0.490	5.8#	85	0.00
13 T	Acrolein	0.054	0.045	16.7	91	0.00
14 T	Allyl chloride	0.964	0.915	5.1	84	0.00
15 T	Acrylonitrile	0.183	0.204	-11.5	98	0.00
16 T	Acetone	0.216	0.233	-7.9	89	0.00
17 T	Carbon Disulfide	1.688	1.439	14.8	76	0.00
18 T	Methyl Acetate	0.713	0.774	-8.6	97	0.00
19 T	Methyl tert-butyl Ether	1.500	1.622	-8.1	95	0.00
20 T	Methylene Chloride	0.924	0.666	27.9#	91	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.572	-0.7	89	0.00
22 T	Diisopropyl ether	1.885	2.015	-6.9	95	0.00
23 T	Vinyl Acetate	1.067	1.259	-18.0	101	0.00
24 P	1,1-Dichloroethane	1.050	1.088	-3.6	93	0.00
25 T	2-Butanone	0.274	0.303	-10.6	96	0.00
26 T	2,2-Dichloropropane	0.905	0.976	-7.8	98	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.671	-6.8	96	0.00
28 T	Bromochloromethane	0.373	0.400	-7.2	98	0.00
29 T	Tetrahydrofuran	0.170	0.185	-8.8	95	0.00
30 C	Chloroform	1.044	1.171	-12.2#	102	0.00
31 T	Cyclohexane	0.981	0.882	10.1	85	0.00
32 T	1,1,1-Trichloroethane	0.932	1.022	-9.7	99	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.609	-11.1	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.314	0.349	-11.1	104	0.00
36 T	1,1-Dichloropropene	0.522	0.543	-4.0	92	0.00
37 T	Ethyl Acetate	0.393	0.440	-12.0	94	0.00
38 T	Carbon Tetrachloride	0.547	0.618	-13.0	98	0.00
39 T	Methylcyclohexane	0.615	0.621	-1.0	87	0.00
40 TM	Benzene	1.470	1.604	-9.1	95	0.00
41 T	Methacrylonitrile	0.183	0.220	-20.2	102	0.00
42 TM	1,2-Dichloroethane	0.481	0.565	-17.5	101	0.00
43 T	Isopropyl Acetate	0.663	0.733	-10.6	94	0.00
44 TM	Trichloroethene	0.391	0.426	-9.0	95	0.00
45 C	1,2-Dichloropropane	0.384	0.430	-12.0#	98	0.00
46 T	Dibromomethane	0.230	0.259	-12.6	98	0.00
47 T	Bromodichloromethane	0.515	0.603	-17.1	102	0.00
48 T	Methyl methacrylate	0.304	0.341	-12.2	92	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	99	0.00
50 S	Toluene-d8	1.119	1.167	-4.3	98	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.434	-17.6	98	0.00
52 CM	Toluene	0.885	1.002	-13.2#	98	0.00
53 T	t-1,3-Dichloropropene	0.545	0.628	-15.2	98	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.683	-11.4	97	0.00
55 T	1,1,2-Trichloroethane	0.305	0.348	-14.1	100	0.00
56 T	Ethyl methacrylate	0.423	0.502	-18.7	98	0.00
57 T	1,3-Dichloropropane	0.516	0.602	-16.7	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.172	-8.9	102	0.00
59 T	2-Hexanone	0.269	0.317	-17.8	96	0.00
60 T	Dibromochloromethane	0.370	0.438	-18.4	101	0.00
61 T	1,2-Dibromoethane	0.299	0.340	-13.7	97	0.00
62 S	4-Bromofluorobenzene	0.377	0.438	-16.2	109	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	93	0.00
64 T	Tetrachloroethene	0.380	0.405	-6.6	98	0.00
65 PM	Chlorobenzene	1.089	1.176	-8.0	100	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.464	-14.0	106	0.00
67 C	Ethyl Benzene	1.913	2.118	-10.7#	101	0.00
68 T	m/p-Xylenes	0.727	0.803	-10.5	100	0.00
69 T	o-Xylene	0.688	0.760	-10.5	99	0.00
70 T	Styrene	1.150	1.331	-15.7	104	0.00
71 P	Bromoform	0.285	0.339	-18.9	108	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	102	0.00
73 T	Isopropylbenzene	3.782	3.859	-2.0	101	0.00
74 T	N-amyl acetate	1.346	1.339	0.5	94	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	0.950	-2.8	102	0.00
76 T	1,2,3-Trichloropropane	0.674	0.683	-1.3	99	0.00
77 T	Bromobenzene	0.916	0.976	-6.6	106	0.00
78 T	n-propylbenzene	4.658	4.732	-1.6	100	0.00
79 T	2-Chlorotoluene	2.601	2.667	-2.5	102	0.00
80 T	1,3,5-Trimethylbenzene	3.087	3.218	-4.2	102	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.335	-1.5	97	0.00
82 T	4-Chlorotoluene	2.711	2.773	-2.3	101	0.00
83 T	tert-Butylbenzene	2.674	2.797	-4.6	103	0.00
84 T	1,2,4-Trimethylbenzene	3.001	3.199	-6.6	104	0.00
85 T	sec-Butylbenzene	4.014	4.094	-2.0	101	0.00
86 T	p-Isopropyltoluene	3.228	3.374	-4.5	103	0.00
87 T	1,3-Dichlorobenzene	1.746	1.840	-5.4	106	0.00
88 T	1,4-Dichlorobenzene	1.764	1.813	-2.8	104	0.00
89 T	n-Butylbenzene	3.150	3.169	-0.6	100	0.00
90 T	Hexachloroethane	0.679	0.669	1.5	101	0.00
91 T	1,2-Dichlorobenzene	1.577	1.672	-6.0	105	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.167	-2.5	104	0.00
93 T	1,2,4-Trichlorobenzene	0.940	0.992	-5.5	106	0.00
94 T	Hexachlorobutadiene	0.547	0.591	-8.0	112	0.00
95 T	Naphthalene	2.039	2.177	-6.8	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.917	-9.4	109	0.00

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