

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_Y\Data\VY060823\  
 Data File : VY014086.D  
 Acq On : 08 Jun 2023 20:22  
 Operator : KP/MD  
 Sample : VSTDCCC050  
 Misc : 5.00g/5.0mL/MSVOA\_Y/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_Y  
 LabSampleId :  
 VSTDCCC050

Quant Time: Jun 09 04:25:03 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_Y\methods\82Y060123S.M  
 Quant Title : SW846 8260  
 QLast Update : Fri Jun 02 07:00:14 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	82	0.00
2 T	Dichlorodifluoromethane	0.440	0.397	9.8	70	0.00
3 P	Chloromethane	0.609	0.479	21.3	64	0.00
4 C	Vinyl Chloride	0.564	0.490	13.1#	69	0.00
5 T	Bromomethane	0.492	0.410	16.7	77	0.00
6 T	Chloroethane	0.404	0.347	14.1	73	0.01
7 T	Trichlorofluoromethane	0.892	0.916	-2.7	82	0.00
8 T	Diethyl Ether	0.350	0.330	5.7	77	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.458	0.493	-7.6	84	0.01
10 T	Methyl Iodide	0.632	0.542	14.2	64	0.01
11 T	Tert butyl alcohol	0.136	0.062	54.4#	63	0.02
12 CM	1,1-Dichloroethene	0.481	0.448	6.9#	74	0.01
13 T	Acrolein	0.062	0.041	33.9#	64	0.00
14 T	Allyl chloride	0.933	0.820	12.1	70	0.02
15 T	Acrylonitrile	0.194	0.193	0.5	83	0.00
16 T	Acetone	0.226	0.184	18.6	61	0.01
17 T	Carbon Disulfide	1.625	1.123	30.9#	56	0.02
18 T	Methyl Acetate	0.818	0.759	7.2	78	0.01
19 T	Methyl tert-butyl Ether	1.555	1.585	-1.9	82	0.02
20 T	Methylene Chloride	0.703	0.570	18.9	74	0.01
21 T	trans-1,2-Dichloroethene	0.544	0.500	8.1	74	0.02
22 T	Diisopropyl ether	1.808	1.848	-2.2	80	0.01
23 T	Vinyl Acetate	1.134	1.116	1.6	77	0.01
24 P	1,1-Dichloroethane	1.009	0.988	2.1	80	0.02
25 T	2-Butanone	0.282	0.259	8.2	74	0.01
26 T	2,2-Dichloropropane	0.916	0.894	2.4	80	0.00
27 T	cis-1,2-Dichloroethene	0.623	0.615	1.3	79	0.01
28 T	Bromochloromethane	0.477	0.473	0.8	81	0.01
29 T	Tetrahydrofuran	0.175	0.171	2.3	80	0.01
30 C	Chloroform	1.060	1.113	-5.0#	85	0.01
31 T	Cyclohexane	0.797	0.701	12.0	72	0.00
32 T	1,1,1-Trichloroethane	0.899	0.969	-7.8	85	0.00
33 S	1,2-Dichloroethane-d4	0.662	0.673	-1.7	83	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.318	0.362	-13.8	86	0.01
36 T	1,1-Dichloropropene	0.453	0.471	-4.0	78	0.01
37 T	Ethyl Acetate	0.395	0.394	0.3	81	0.00
38 T	Carbon Tetrachloride	0.507	0.573	-13.0	85	0.01
39 T	Methylcyclohexane	0.483	0.507	-5.0	76	0.00
40 TM	Benzene	1.397	1.439	-3.0	79	0.00
41 T	Methacrylonitrile	0.182	0.202	-11.0	94	0.01
42 TM	1,2-Dichloroethane	0.512	0.548	-7.0	84	0.00
43 T	Isopropyl Acetate	0.665	0.690	-3.8	81	0.00
44 TM	Trichloroethene	0.366	0.380	-3.8	80	0.00
45 C	1,2-Dichloropropane	0.360	0.384	-6.7#	82	0.00
46 T	Dibromomethane	0.231	0.244	-5.6	83	0.00
47 T	Bromodichloromethane	0.520	0.571	-9.8	84	0.00
48 T	Methyl methacrylate	0.302	0.317	-5.0	80	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	87	0.02
50 S	Toluene-d8	1.212	1.295	-6.8	81	0.00
51 T	4-Methyl-2-Pentanone	0.375	0.411	-9.6	85	0.00
52 CM	Toluene	0.856	0.916	-7.0#	82	0.00
53 T	t-1,3-Dichloropropene	0.558	0.612	-9.7	83	0.00
54 T	cis-1,3-Dichloropropene	0.596	0.632	-6.0	80	0.00
55 T	1,1,2-Trichloroethane	0.304	0.340	-11.8	87	0.00
56 T	Ethyl methacrylate	0.437	0.482	-10.3	82	0.00
57 T	1,3-Dichloropropane	0.520	0.567	-9.0	84	0.00
58 T	2-Chloroethyl Vinyl ether	0.180	0.220	-22.2	82	0.00
59 T	2-Hexanone	0.272	0.292	-7.4	80	0.00
60 T	Dibromochloromethane	0.384	0.430	-12.0	86	0.00
61 T	1,2-Dibromoethane	0.306	0.324	-5.9	83	0.00
62 S	4-Bromofluorobenzene	0.413	0.472	-14.3	87	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.343	0.371	-8.2	85	0.00
65 PM	Chlorobenzene	1.026	1.081	-5.4	84	0.00
66 T	1,1,1,2-Tetrachloroethane	0.399	0.452	-13.3	88	0.00
67 C	Ethyl Benzene	1.776	1.921	-8.2#	83	0.00
68 T	m/p-Xylenes	0.678	0.735	-8.4	83	0.00
69 T	o-Xylene	0.650	0.709	-9.1	83	0.00
70 T	Styrene	1.116	1.239	-11.0	83	0.00
71 P	Bromoform	0.294	0.329	-11.9	88	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	84	0.00
73 T	Isopropylbenzene	3.300	3.541	-7.3	87	0.00
74 T	N-amyl acetate	1.266	1.252	1.1	82	0.00
75 P	1,1,2,2-Tetrachloroethane	0.863	0.874	-1.3	87	0.00
76 T	1,2,3-Trichloropropane	0.673	0.670	0.4	91	0.00
77 T	Bromobenzene	0.892	0.903	-1.2	84	0.00
78 T	n-propylbenzene	4.045	4.343	-7.4	87	0.00
79 T	2-Chlorotoluene	2.394	2.494	-4.2	86	0.00
80 T	1,3,5-Trimethylbenzene	2.829	3.015	-6.6	86	0.00
81 T	trans-1,4-Dichloro-2-butene	0.317	0.308	2.8	82	0.00
82 T	4-Chlorotoluene	2.518	2.601	-3.3	85	0.00
83 T	tert-Butylbenzene	2.369	2.627	-10.9	89	0.00
84 T	1,2,4-Trimethylbenzene	2.825	3.017	-6.8	86	0.00
85 T	sec-Butylbenzene	3.444	3.842	-11.6	90	0.00
86 T	p-Isopropyltoluene	2.907	3.213	-10.5	89	0.00
87 T	1,3-Dichlorobenzene	1.694	1.760	-3.9	87	0.00
88 T	1,4-Dichlorobenzene	1.714	1.753	-2.3	86	0.00
89 T	n-Butylbenzene	2.743	3.010	-9.7	87	0.00
90 T	Hexachloroethane	0.610	0.640	-4.9	88	0.00
91 T	1,2-Dichlorobenzene	1.561	1.613	-3.3	86	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.168	-1.2	86	0.00
93 T	1,2,4-Trichlorobenzene	0.959	1.013	-5.6	85	0.00
94 T	Hexachlorobutadiene	0.511	0.583	-14.1	94	0.00
95 T	Naphthalene	2.093	2.243	-7.2	85	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.874	0.920	-5.3	85	0.00

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