

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060723\
 Data File : VY014048.D
 Acq On : 07 Jun 2023 10:01
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jun 08 02:31:20 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	90	0.00
2 T	Dichlorodifluoromethane	0.440	0.440	0.0	86	0.00
3 P	Chloromethane	0.609	0.533	12.5	78	0.00
4 C	Vinyl Chloride	0.564	0.533	5.5#	83	0.00
5 T	Bromomethane	0.492	0.400	18.7	83	0.00
6 T	Chloroethane	0.404	0.359	11.1	83	0.00
7 T	Trichlorofluoromethane	0.892	0.964	-8.1	95	0.00
8 T	Diethyl Ether	0.350	0.316	9.7	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.458	0.525	-14.6	99	0.00
10 T	Methyl Iodide	0.632	0.598	5.4	78	0.00
11 T	Tert butyl alcohol	0.136	0.072	47.1#	80	0.00
12 CM	1,1-Dichloroethene	0.481	0.486	-1.0#	89	0.00
13 T	Acrolein	0.062	0.037	40.3#	64	0.00
14 T	Allyl chloride	0.933	0.900	3.5	84	0.00
15 T	Acrylonitrile	0.194	0.188	3.1	89	0.00
16 T	Acetone	0.226	0.224	0.9	82	0.00
17 T	Carbon Disulfide	1.625	1.294	20.4	71	0.00
18 T	Methyl Acetate	0.818	0.734	10.3	83	0.00
19 T	Methyl tert-butyl Ether	1.555	1.587	-2.1	90	0.00
20 T	Methylene Chloride	0.703	0.606	13.8	86	0.00
21 T	trans-1,2-Dichloroethene	0.544	0.559	-2.8	91	0.01
22 T	Diisopropyl ether	1.808	2.027	-12.1	97	0.00
23 T	Vinyl Acetate	1.134	1.176	-3.7	90	0.00
24 P	1,1-Dichloroethane	1.009	1.088	-7.8	97	0.00
25 T	2-Butanone	0.282	0.272	3.5	86	0.00
26 T	2,2-Dichloropropane	0.916	0.999	-9.1	98	0.00
27 T	cis-1,2-Dichloroethene	0.623	0.659	-5.8	94	0.00
28 T	Bromochloromethane	0.477	0.452	5.2	85	0.00
29 T	Tetrahydrofuran	0.175	0.156	10.9	81	0.00
30 C	Chloroform	1.060	1.118	-5.5#	94	0.00
31 T	Cyclohexane	0.797	0.752	5.6	86	0.00
32 T	1,1,1-Trichloroethane	0.899	0.982	-9.2	95	0.00
33 S	1,2-Dichloroethane-d4	0.662	0.631	4.7	86	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	84	0.00
35 S	Dibromofluoromethane	0.318	0.351	-10.4	90	0.00
36 T	1,1-Dichloropropene	0.453	0.504	-11.3	91	0.00
37 T	Ethyl Acetate	0.395	0.375	5.1	83	0.00
38 T	Carbon Tetrachloride	0.507	0.604	-19.1	97	0.00
39 T	Methylcyclohexane	0.483	0.547	-13.3	88	0.00
40 TM	Benzene	1.397	1.516	-8.5	90	0.00
41 T	Methacrylonitrile	0.182	0.196	-7.7	98	0.01
42 TM	1,2-Dichloroethane	0.512	0.541	-5.7	89	0.00
43 T	Isopropyl Acetate	0.665	0.648	2.6	83	0.00
44 TM	Trichloroethene	0.366	0.400	-9.3	91	0.00
45 C	1,2-Dichloropropane	0.360	0.398	-10.6#	92	0.00
46 T	Dibromomethane	0.231	0.246	-6.5	90	0.00
47 T	Bromodichloromethane	0.520	0.592	-13.8	95	0.00
48 T	Methyl methacrylate	0.302	0.302	0.0	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	82	0.00
50 S	Toluene-d8	1.212	1.293	-6.7	88	0.00
51 T	4-Methyl-2-Pentanone	0.375	0.377	-0.5	85	0.00
52 CM	Toluene	0.856	0.953	-11.3#	92	0.00
53 T	t-1,3-Dichloropropene	0.558	0.608	-9.0	89	0.00
54 T	cis-1,3-Dichloropropene	0.596	0.653	-9.6	90	0.00
55 T	1,1,2-Trichloroethane	0.304	0.341	-12.2	94	0.00
56 T	Ethyl methacrylate	0.437	0.461	-5.5	85	0.00
57 T	1,3-Dichloropropane	0.520	0.563	-8.3	90	0.00
58 T	2-Chloroethyl Vinyl ether	0.180	0.212	-17.8	85	0.00
59 T	2-Hexanone	0.272	0.283	-4.0	84	0.00
60 T	Dibromochloromethane	0.384	0.429	-11.7	93	0.00
61 T	1,2-Dibromoethane	0.306	0.317	-3.6	88	0.00
62 S	4-Bromofluorobenzene	0.413	0.461	-11.6	91	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	86	0.00
64 T	Tetrachloroethene	0.343	0.383	-11.7	94	0.00
65 PM	Chlorobenzene	1.026	1.130	-10.1	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.399	0.460	-15.3	96	0.00
67 C	Ethyl Benzene	1.776	2.032	-14.4#	94	0.00
68 T	m/p-Xylenes	0.678	0.777	-14.6	94	0.00
69 T	o-Xylene	0.650	0.740	-13.8	93	0.00
70 T	Styrene	1.116	1.290	-15.6	93	0.00
71 P	Bromoform	0.294	0.321	-9.2	92	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	89	0.00
73 T	Isopropylbenzene	3.300	3.715	-12.6	97	0.00
74 T	N-amyl acetate	1.266	1.224	3.3	85	0.00
75 P	1,1,2,2-Tetrachloroethane	0.863	0.853	1.2	90	0.00
76 T	1,2,3-Trichloropropane	0.673	0.655	2.7	95	0.00
77 T	Bromobenzene	0.892	0.950	-6.5	94	0.00
78 T	n-propylbenzene	4.045	4.621	-14.2	98	0.00
79 T	2-Chlorotoluene	2.394	2.583	-7.9	95	0.00
80 T	1,3,5-Trimethylbenzene	2.829	3.178	-12.3	97	0.00
81 T	trans-1,4-Dichloro-2-butene	0.317	0.304	4.1	87	0.00
82 T	4-Chlorotoluene	2.518	2.753	-9.3	96	0.00
83 T	tert-Butylbenzene	2.369	2.673	-12.8	96	0.00
84 T	1,2,4-Trimethylbenzene	2.825	3.165	-12.0	96	0.00
85 T	sec-Butylbenzene	3.444	4.037	-17.2	101	0.00
86 T	p-Isopropyltoluene	2.907	3.400	-17.0	101	0.00
87 T	1,3-Dichlorobenzene	1.694	1.820	-7.4	95	0.00
88 T	1,4-Dichlorobenzene	1.714	1.796	-4.8	94	0.00
89 T	n-Butylbenzene	2.743	3.218	-17.3	100	0.00
90 T	Hexachloroethane	0.610	0.677	-11.0	100	0.00
91 T	1,2-Dichlorobenzene	1.561	1.669	-6.9	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.166	0.159	4.2	87	0.00
93 T	1,2,4-Trichlorobenzene	0.959	1.045	-9.0	94	0.00
94 T	Hexachlorobutadiene	0.511	0.630	-23.3	108	0.00
95 T	Naphthalene	2.093	2.181	-4.2	88	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.874	0.945	-8.1	93	0.00

(#) = Out of Range

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