

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014731.D
 Acq On : 20 Jul 2023 19:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 21 01:35:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 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	73	0.00
2 T	Dichlorodifluoromethane	0.407	0.351	13.8	66	0.00
3 P	Chloromethane	0.458	0.530	-15.7	86	0.00
4 C	Vinyl Chloride	0.512	0.612	-19.5#	87	0.00
5 T	Bromomethane	0.338	0.433	-28.1#	94	0.00
6 T	Chloroethane	0.320	0.410	-28.1#	92	0.00
7 T	Trichlorofluoromethane	0.860	0.896	-4.2	75	0.00
8 T	Diethyl Ether	0.320	0.365	-14.1	82	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.525	0.4	71	0.00
10 T	Methyl Iodide	0.493	0.608	-23.3	82	0.00
11 T	Tert butyl alcohol	0.125	0.138	-10.4	91	0.00
12 CM	1,1-Dichloroethene	0.492	0.511	-3.9#	74	0.00
13 T	Acrolein	0.060	0.006	90.0#	8#	0.00
14 T	Allyl chloride	0.874	0.796	8.9	66	0.00
15 T	Acrylonitrile	0.176	0.224	-27.3#	91	0.00
16 T	Acetone	0.181	0.189	-4.4	71	0.00
17 T	Carbon Disulfide	1.410	1.352	4.1	71	0.00
18 T	Methyl Acetate	0.693	1.472	-112.4#	153#	0.00
19 T	Methyl tert-butyl Ether	1.599	1.909	-19.4	85	0.00
20 T	Methylene Chloride	0.656	0.634	3.4	77	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.591	-5.7	76	0.00
22 T	Diisopropyl ether	1.777	1.924	-8.3	77	0.00
23 T	Vinyl Acetate	1.064	0.671	36.9#	45#	0.00
24 P	1,1-Dichloroethane	1.017	1.114	-9.5	78	0.00
25 T	2-Butanone	0.264	0.316	-19.7	85	0.00
26 T	2,2-Dichloropropane	0.969	0.516	46.7#	38#	0.00
27 T	cis-1,2-Dichloroethene	0.650	0.727	-11.8	80	0.00
28 T	Bromochloromethane	0.438	0.504	-15.1	88	0.00
29 T	Tetrahydrofuran	0.163	0.212	-30.1#	96	0.00
30 C	Chloroform	1.049	1.175	-12.0#	80	0.00
31 T	Cyclohexane	0.946	0.820	13.3	65	0.00
32 T	1,1,1-Trichloroethane	0.944	1.008	-6.8	77	0.00
33 S	1,2-Dichloroethane-d4	0.570	0.614	-7.7	80	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	78	0.00
35 S	Dibromofluoromethane	0.318	0.324	-1.9	79	0.00
36 T	1,1-Dichloropropene	0.476	0.455	4.4	72	0.00
37 T	Ethyl Acetate	0.328	0.334	-1.8	81	0.00
38 T	Carbon Tetrachloride	0.503	0.505	-0.4	75	0.00
39 T	Methylcyclohexane	0.620	0.550	11.3	67	0.00
40 TM	Benzene	1.354	1.384	-2.2	77	0.00
41 T	Methacrylonitrile	0.169	0.180	-6.5	84	0.00
42 TM	1,2-Dichloroethane	0.429	0.471	-9.8	82	0.00
43 T	Isopropyl Acetate	0.624	0.643	-3.0	78	0.00
44 TM	Trichloroethene	0.379	0.400	-5.5	80	0.00
45 C	1,2-Dichloropropane	0.353	0.367	-4.0#	78	0.00
46 T	Dibromomethane	0.214	0.241	-12.6	85	0.00
47 T	Bromodichloromethane	0.505	0.549	-8.7	81	0.00
48 T	Methyl methacrylate	0.281	0.321	-14.2	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.005	-66.7#	97	0.00
50 S	Toluene-d8	1.173	1.145	2.4	76	0.00
51 T	4-Methyl-2-Pentanone	0.328	0.400	-22.0	93	0.00
52 CM	Toluene	0.866	0.898	-3.7#	78	0.00
53 T	t-1,3-Dichloropropene	0.553	0.492	11.0	67	0.00
54 T	cis-1,3-Dichloropropene	0.601	0.524	12.8	65	0.00
55 T	1,1,2-Trichloroethane	0.299	0.344	-15.1	87	0.00
56 T	Ethyl methacrylate	0.456	0.509	-11.6	83	0.00
57 T	1,3-Dichloropropane	0.515	0.573	-11.3	83	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.238	-11.7	86	0.00
59 T	2-Hexanone	0.239	0.280	-17.2	88	0.00
60 T	Dibromochloromethane	0.366	0.418	-14.2	85	0.00
61 T	1,2-Dibromoethane	0.298	0.348	-16.8	88	0.00
62 S	4-Bromofluorobenzene	0.450	0.433	3.8	76	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	80	0.00
64 T	Tetrachloroethene	0.402	0.485	-20.6	94	0.00
65 PM	Chlorobenzene	1.065	1.111	-4.3	81	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.434	-8.0	82	0.00
67 C	Ethyl Benzene	1.924	1.928	-0.2#	77	0.00
68 T	m/p-Xylenes	0.734	0.728	0.8	76	0.00
69 T	o-Xylene	0.715	0.731	-2.2	79	0.00
70 T	Styrene	1.206	1.247	-3.4	79	0.00
71 P	Bromoform	0.272	0.323	-18.7	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	80	0.00
73 T	Isopropylbenzene	3.915	3.817	2.5	76	0.00
74 T	N-ethyl acetate	1.311	0.688	47.5#	40#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.893	0.995	-11.4	88	0.00
76 T	1,2,3-Trichloropropane	0.631	0.719	-13.9	90	0.00
77 T	Bromobenzene	0.894	0.948	-6.0	82	0.00
78 T	n-propylbenzene	4.718	4.461	5.4	73	0.00
79 T	2-Chlorotoluene	2.717	2.654	2.3	75	0.00
80 T	1,3,5-Trimethylbenzene	3.270	3.186	2.6	75	0.00
81 T	trans-1,4-Dichloro-2-butene	0.326	0.224	31.3#	53	0.00
82 T	4-Chlorotoluene	2.799	2.691	3.9	74	0.00
83 T	tert-Butylbenzene	2.900	2.809	3.1	75	0.00
84 T	1,2,4-Trimethylbenzene	3.209	3.135	2.3	75	0.00
85 T	sec-Butylbenzene	4.255	4.021	5.5	73	0.00
86 T	p-Isopropyltoluene	3.474	3.243	6.6	71	0.00
87 T	1,3-Dichlorobenzene	1.739	1.787	-2.8	79	0.00
88 T	1,4-Dichlorobenzene	1.743	1.792	-2.8	79	0.00
89 T	n-Butylbenzene	3.380	2.953	12.6	67	0.00
90 T	Hexachloroethane	0.714	0.700	2.0	75	0.00
91 T	1,2-Dichlorobenzene	1.594	1.686	-5.8	81	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.171	0.199	-16.4	92	0.00
93 T	1,2,4-Trichlorobenzene	1.012	0.999	1.3	74	0.00
94 T	Hexachlorobutadiene	0.556	0.488	12.2	66	0.00
95 T	Naphthalene	2.357	2.730	-15.8	87	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.899	0.936	-4.1	78	0.00

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