

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014576.D
 Acq On : 06 Jul 2023 09:48
 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: Jul 06 10:12:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 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	78	0.00
2 T	Dichlorodifluoromethane	0.405	0.402	0.7	87	0.00
3 P	Chloromethane	0.579	0.600	-3.6	85	0.00
4 C	Vinyl Chloride	0.667	0.736	-10.3#	89	0.00
5 T	Bromomethane	0.518	0.564	-8.9	93	-0.02
6 T	Chloroethane	0.430	0.486	-13.0	90	-0.01
7 T	Trichlorofluoromethane	0.811	0.892	-10.0	89	-0.02
8 T	Diethyl Ether	0.307	0.302	1.6	76	-0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.484	0.532	-9.9	89	-0.02
10 T	Methyl Iodide	0.552	0.570	-3.3	75	-0.01
11 T	Tert butyl alcohol	0.100	0.086	14.0	78	-0.02
12 CM	1,1-Dichloroethene	0.469	0.494	-5.3#	82	-0.01
13 T	Acrolein	0.063	0.063	0.0	74	0.00
14 T	Allyl chloride	0.707	0.688	2.7	75	-0.01
15 T	Acrylonitrile	0.176	0.168	4.5	71	-0.02
16 T	Acetone	0.155	0.162	-4.5	80	-0.02
17 T	Carbon Disulfide	1.429	1.435	-0.4	79	-0.01
18 T	Methyl Acetate	0.707	0.642	9.2	71	-0.01
19 T	Methyl tert-butyl Ether	1.348	1.380	-2.4	77	-0.01
20 T	Methylene Chloride	0.673	0.603	10.4	81	-0.01
21 T	trans-1,2-Dichloroethene	0.531	0.559	-5.3	81	-0.01
22 T	Diisopropyl ether	1.457	1.417	2.7	72	0.00
23 T	Vinyl Acetate	0.843	0.837	0.7	71	-0.01
24 P	1,1-Dichloroethane	0.914	0.893	2.3	76	0.00
25 T	2-Butanone	0.230	0.220	4.3	70	-0.01
26 T	2,2-Dichloropropane	0.779	0.790	-1.4	81	-0.01
27 T	cis-1,2-Dichloroethene	0.602	0.603	-0.2	76	0.00
28 T	Bromochloromethane	0.384	0.369	3.9	74	0.00
29 T	Tetrahydrofuran	0.148	0.140	5.4	68	0.00
30 C	Chloroform	0.954	0.951	0.3#	78	-0.01
31 T	Cyclohexane	0.780	0.742	4.9	77	-0.01
32 T	1,1,1-Trichloroethane	0.815	0.821	-0.7	79	0.00
33 S	1,2-Dichloroethane-d4	0.497	0.488	1.8	76	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	72	0.00
35 S	Dibromofluoromethane	0.308	0.346	-12.3	79	0.00
36 T	1,1-Dichloropropene	0.472	0.515	-9.1	78	-0.01
37 T	Ethyl Acetate	0.323	0.326	-0.9	69	0.00
38 T	Carbon Tetrachloride	0.492	0.555	-12.8	82	0.00
39 T	Methylcyclohexane	0.564	0.635	-12.6	80	0.00
40 TM	Benzene	1.427	1.491	-4.5	75	0.00
41 T	Methacrylonitrile	0.158	0.161	-1.9	71	0.00
42 TM	1,2-Dichloroethane	0.420	0.446	-6.2	76	0.00
43 T	Isopropyl Acetate	0.548	0.558	-1.8	70	0.00
44 TM	Trichloroethene	0.398	0.437	-9.8	79	0.00
45 C	1,2-Dichloropropane	0.366	0.387	-5.7#	76	0.00
46 T	Dibromomethane	0.223	0.244	-9.4	78	0.00
47 T	Bromodichloromethane	0.491	0.535	-9.0	78	0.00
48 T	Methyl methacrylate	0.249	0.263	-5.6	71	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.004	0.004	0.0	67	-0.02
50 S	Toluene-d8	1.217	1.320	-8.5	78	0.00
51 T	4-Methyl-2-Pentanone	0.324	0.335	-3.4	69	0.00
52 CM	Toluene	0.898	0.961	-7.0#	76	0.00
53 T	t-1,3-Dichloropropene	0.525	0.568	-8.2	75	0.00
54 T	cis-1,3-Dichloropropene	0.586	0.631	-7.7	76	0.00
55 T	1,1,2-Trichloroethane	0.324	0.347	-7.1	75	0.00
56 T	Ethyl methacrylate	0.441	0.473	-7.3	72	0.00
57 T	1,3-Dichloropropane	0.529	0.561	-6.0	76	0.00
58 T	2-Chloroethyl Vinyl ether	0.214	0.225	-5.1	69	0.00
59 T	2-Hexanone	0.234	0.249	-6.4	70	0.00
60 T	Dibromochloromethane	0.380	0.422	-11.1	78	0.00
61 T	1,2-Dibromoethane	0.317	0.345	-8.8	76	0.00
62 S	4-Bromofluorobenzene	0.423	0.464	-9.7	78	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	71	0.00
64 T	Tetrachloroethene	0.447	0.496	-11.0	80	0.00
65 PM	Chlorobenzene	1.066	1.161	-8.9	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.405	0.459	-13.3	80	0.00
67 C	Ethyl Benzene	1.817	2.015	-10.9#	78	0.00
68 T	m/p-Xylenes	0.721	0.804	-11.5	77	0.00
69 T	o-Xylene	0.684	0.752	-9.9	76	0.00
70 T	Styrene	1.176	1.311	-11.5	76	0.00
71 P	Bromoform	0.308	0.353	-14.6	80	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	73	0.00
73 T	Isopropylbenzene	3.275	3.582	-9.4	78	0.00
74 T	N-ethyl acetate	0.988	1.026	-3.8	72	0.00
75 P	1,1,2,2-Tetrachloroethane	0.840	0.884	-5.2	75	0.00
76 T	1,2,3-Trichloropropane	0.587	0.620	-5.6	76	0.00
77 T	Bromobenzene	0.894	0.974	-8.9	79	0.00
78 T	n-propylbenzene	3.995	4.435	-11.0	79	0.00
79 T	2-Chlorotoluene	2.299	2.580	-12.2	81	0.00
80 T	1,3,5-Trimethylbenzene	2.772	3.161	-14.0	81	0.00
81 T	trans-1,4-Dichloro-2-butene	0.301	0.306	-1.7	73	0.00
82 T	4-Chlorotoluene	2.408	2.657	-10.3	80	0.00
83 T	tert-Butylbenzene	2.436	2.700	-10.8	79	0.00
84 T	1,2,4-Trimethylbenzene	2.766	3.060	-10.6	78	0.00
85 T	sec-Butylbenzene	3.595	4.025	-12.0	81	0.00
86 T	p-Isopropyltoluene	3.026	3.428	-13.3	81	0.00
87 T	1,3-Dichlorobenzene	1.749	1.905	-8.9	80	0.00
88 T	1,4-Dichlorobenzene	1.753	1.855	-5.8	78	0.00
89 T	n-Butylbenzene	2.796	3.175	-13.6	82	0.00
90 T	Hexachloroethane	0.599	0.675	-12.7	84	0.00
91 T	1,2-Dichlorobenzene	1.584	1.729	-9.2	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.157	-1.9	73	0.00
93 T	1,2,4-Trichlorobenzene	1.023	1.178	-15.2	83	0.00
94 T	Hexachlorobutadiene	0.629	0.762	-21.1	90	0.00
95 T	Naphthalene	2.177	2.373	-9.0	76	0.00

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96 T	1,2,3-Trichlorobenzene	0.932	1.060	-13.7	81	0.00

(#) = Out of Range

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