

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014760.D
 Acq On : 21 Jul 2023 20:27
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 22 05:42:38 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	64	0.00
2 T	Dichlorodifluoromethane	0.407	0.345	15.2	57	0.00
3 P	Chloromethane	0.458	0.509	-11.1	73	0.00
4 C	Vinyl Chloride	0.512	0.591	-15.4#	74	0.00
5 T	Bromomethane	0.338	0.416	-23.1	80	0.00
6 T	Chloroethane	0.320	0.388	-21.3	77	0.00
7 T	Trichlorofluoromethane	0.860	0.856	0.5	63	0.00
8 T	Diethyl Ether	0.320	0.328	-2.5	65	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.506	4.0	60	0.00
10 T	Methyl Iodide	0.493	0.545	-10.5	65	0.00
11 T	Tert butyl alcohol	0.125	0.108	13.6	63	0.01
12 CM	1,1-Dichloroethene	0.492	0.471	4.3#	60	0.00
13 T	Acrolein	0.060	0.046	23.3	54	0.00
14 T	Allyl chloride	0.874	0.784	10.3	57	0.00
15 T	Acrylonitrile	0.176	0.199	-13.1	71	0.00
16 T	Acetone	0.181	0.161	11.0	53	0.00
17 T	Carbon Disulfide	1.410	1.230	12.8	57	0.00
18 T	Methyl Acetate	0.693	0.806	-16.3	74	0.00
19 T	Methyl tert-butyl Ether	1.599	1.686	-5.4	66	0.00
20 T	Methylene Chloride	0.656	0.610	7.0	65	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.548	2.0	62	0.00
22 T	Diisopropyl ether	1.777	1.759	1.0	62	0.00
23 T	Vinyl Acetate	1.064	1.054	0.9	62	0.00
24 P	1,1-Dichloroethane	1.017	1.003	1.4	62	0.00
25 T	2-Butanone	0.264	0.276	-4.5	66	0.00
26 T	2,2-Dichloropropane	0.969	0.826	14.8	54	0.00
27 T	cis-1,2-Dichloroethene	0.650	0.665	-2.3	64	0.00
28 T	Bromochloromethane	0.438	0.457	-4.3	70	0.00
29 T	Tetrahydrofuran	0.163	0.184	-12.9	73	0.00
30 C	Chloroform	1.049	1.079	-2.9#	65	0.00
31 T	Cyclohexane	0.946	0.806	14.8	57	0.00
32 T	1,1,1-Trichloroethane	0.944	0.942	0.2	63	0.00
33 S	1,2-Dichloroethane-d4	0.570	0.623	-9.3	72	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	66	0.00
35 S	Dibromofluoromethane	0.318	0.348	-9.4	71	0.00
36 T	1,1-Dichloropropene	0.476	0.457	4.0	61	0.00
37 T	Ethyl Acetate	0.328	0.356	-8.5	72	0.00
38 T	Carbon Tetrachloride	0.503	0.499	0.8	63	0.00
39 T	Methylcyclohexane	0.620	0.559	9.8	57	0.00
40 TM	Benzene	1.354	1.347	0.5	63	0.00
41 T	Methacrylonitrile	0.169	0.190	-12.4	74	0.01
42 TM	1,2-Dichloroethane	0.429	0.446	-4.0	66	0.00
43 T	Isopropyl Acetate	0.624	0.650	-4.2	67	0.00
44 TM	Trichloroethene	0.379	0.382	-0.8	64	0.00
45 C	1,2-Dichloropropane	0.353	0.346	2.0#	62	0.00
46 T	Dibromomethane	0.214	0.227	-6.1	67	0.00
47 T	Bromodichloromethane	0.505	0.515	-2.0	64	0.00
48 T	Methyl methacrylate	0.281	0.296	-5.3	67	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	72	0.00
50 S	Toluene-d8	1.173	1.250	-6.6	70	0.00
51 T	4-Methyl-2-Pentanone	0.328	0.370	-12.8	72	0.00
52 CM	Toluene	0.866	0.871	-0.6#	64	0.00
53 T	t-1,3-Dichloropropene	0.553	0.538	2.7	62	0.00
54 T	cis-1,3-Dichloropropene	0.601	0.580	3.5	61	0.00
55 T	1,1,2-Trichloroethane	0.299	0.319	-6.7	68	0.00
56 T	Ethyl methacrylate	0.456	0.483	-5.9	66	0.00
57 T	1,3-Dichloropropane	0.515	0.531	-3.1	65	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.221	-3.8	68	0.00
59 T	2-Hexanone	0.239	0.268	-12.1	71	0.00
60 T	Dibromochloromethane	0.366	0.388	-6.0	67	0.00
61 T	1,2-Dibromoethane	0.298	0.322	-8.1	68	0.00
62 S	4-Bromofluorobenzene	0.450	0.474	-5.3	70	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	67	0.00
64 T	Tetrachloroethene	0.402	0.432	-7.5	71	0.00
65 PM	Chlorobenzene	1.065	1.060	0.5	65	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.410	-2.0	66	0.00
67 C	Ethyl Benzene	1.924	1.870	2.8#	63	0.00
68 T	m/p-Xylenes	0.734	0.726	1.1	65	0.00
69 T	o-Xylene	0.715	0.706	1.3	64	0.00
70 T	Styrene	1.206	1.216	-0.8	65	0.00
71 P	Bromoform	0.272	0.290	-6.6	68	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	70	0.00
73 T	Isopropylbenzene	3.915	3.692	5.7	65	0.00
74 T	N-amyl acetate	1.311	1.287	1.8	66	0.00
75 P	1,1,2,2-Tetrachloroethane	0.893	0.896	-0.3	69	0.00
76 T	1,2,3-Trichloropropane	0.631	0.671	-6.3	73	0.00
77 T	Bromobenzene	0.894	0.887	0.8	67	0.00
78 T	n-propylbenzene	4.718	4.411	6.5	63	0.00
79 T	2-Chlorotoluene	2.717	2.532	6.8	63	0.00
80 T	1,3,5-Trimethylbenzene	3.270	3.104	5.1	64	0.00
81 T	trans-1,4-Dichloro-2-butene	0.326	0.293	10.1	60	0.00
82 T	4-Chlorotoluene	2.799	2.618	6.5	63	0.00
83 T	tert-Butylbenzene	2.900	2.734	5.7	64	0.00
84 T	1,2,4-Trimethylbenzene	3.209	3.063	4.5	64	0.00
85 T	sec-Butylbenzene	4.255	4.038	5.1	64	0.00
86 T	p-Isopropyltoluene	3.474	3.366	3.1	65	0.00
87 T	1,3-Dichlorobenzene	1.739	1.715	1.4	66	0.00
88 T	1,4-Dichlorobenzene	1.743	1.724	1.1	67	0.00
89 T	n-Butylbenzene	3.380	3.183	5.8	63	0.00
90 T	Hexachloroethane	0.714	0.665	6.9	63	0.00
91 T	1,2-Dichlorobenzene	1.594	1.600	-0.4	67	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.171	0.179	-4.7	73	0.00
93 T	1,2,4-Trichlorobenzene	1.012	1.014	-0.2	66	0.00
94 T	Hexachlorobutadiene	0.556	0.538	3.2	64	0.00
95 T	Naphthalene	2.357	2.532	-7.4	71	0.00

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96 T	1,2,3-Trichlorobenzene	0.899	0.911	-1.3	67	0.00

(#) = Out of Range

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