

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072623\
 Data File : VY014841.D
 Acq On : 26 Jul 2023 11:07
 Operator : SY/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 26 13:43:45 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	59	0.00
2 T	Dichlorodifluoromethane	0.407	0.323	20.6	49#	0.00
3 P	Chloromethane	0.458	0.496	-8.3	66	0.00
4 C	Vinyl Chloride	0.512	0.566	-10.5#	65	0.00
5 T	Bromomethane	0.338	0.340	-0.6	60	0.00
6 T	Chloroethane	0.320	0.375	-17.2	69	0.00
7 T	Trichlorofluoromethane	0.860	0.837	2.7	57	0.00
8 T	Diethyl Ether	0.320	0.330	-3.1	60	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.493	6.5	54	0.00
10 T	Methyl Iodide	0.493	0.558	-13.2	61	0.00
11 T	Tert butyl alcohol	0.125	0.126	-0.8	68	0.02
12 CM	1,1-Dichloroethene	0.492	0.453	7.9#	53	0.00
13 T	Acrolein	0.060	0.052	13.3	57	0.00
14 T	Allyl chloride	0.874	0.774	11.4	52	0.00
15 T	Acrylonitrile	0.176	0.221	-25.6#	73	0.00
16 T	Acetone	0.181	0.238	-31.5#	73	0.01
17 T	Carbon Disulfide	1.410	1.167	17.2	50#	0.00
18 T	Methyl Acetate	0.693	0.897	-29.4#	76	0.00
19 T	Methyl tert-butyl Ether	1.599	1.733	-8.4	63	0.00
20 T	Methylene Chloride	0.656	0.600	8.5	59	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.533	4.7	56	0.00
22 T	Diisopropyl ether	1.777	1.753	1.4	57	0.00
23 T	Vinyl Acetate	1.064	1.131	-6.3	61	0.00
24 P	1,1-Dichloroethane	1.017	0.993	2.4	57	0.00
25 T	2-Butanone	0.264	0.341	-29.2#	75	0.00
26 T	2,2-Dichloropropane	0.969	0.920	5.1	55	0.00
27 T	cis-1,2-Dichloroethene	0.650	0.653	-0.5	58	0.00
28 T	Bromochloromethane	0.438	0.451	-3.0	64	0.00
29 T	Tetrahydrofuran	0.163	0.209	-28.2#	77	0.00
30 C	Chloroform	1.049	1.063	-1.3#	59	0.00
31 T	Cyclohexane	0.946	0.770	18.6	50#	0.00
32 T	1,1,1-Trichloroethane	0.944	0.913	3.3	57	0.00
33 S	1,2-Dichloroethane-d4	0.570	0.528	7.4	56	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
35 S	Dibromofluoromethane	0.318	0.276	13.2	53	0.00
36 T	1,1-Dichloropropene	0.476	0.441	7.4	55	0.00
37 T	Ethyl Acetate	0.328	0.394	-20.1	75	0.00
38 T	Carbon Tetrachloride	0.503	0.475	5.6	56	0.00
39 T	Methylcyclohexane	0.620	0.532	14.2	51	0.00
40 TM	Benzene	1.354	1.298	4.1	57	0.00
41 T	Methacrylonitrile	0.169	0.198	-17.2	73	0.00
42 TM	1,2-Dichloroethane	0.429	0.447	-4.2	62	0.00
43 T	Isopropyl Acetate	0.624	0.706	-13.1	68	0.00
44 TM	Trichloroethene	0.379	0.365	3.7	57	0.00
45 C	1,2-Dichloropropane	0.353	0.339	4.0#	57	0.00
46 T	Dibromomethane	0.214	0.229	-7.0	64	0.00
47 T	Bromodichloromethane	0.505	0.509	-0.8	60	0.00
48 T	Methyl methacrylate	0.281	0.317	-12.8	68	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.005	-66.7#	79	0.02
50 S	Toluene-d8	1.173	0.976	16.8	51	0.00
51 T	4-Methyl-2-Pentanone	0.328	0.413	-25.9#	75	0.00
52 CM	Toluene	0.866	0.834	3.7#	57	0.00
53 T	t-1,3-Dichloropropene	0.553	0.547	1.1	59	0.00
54 T	cis-1,3-Dichloropropene	0.601	0.583	3.0	57	0.00
55 T	1,1,2-Trichloroethane	0.299	0.322	-7.7	64	0.00
56 T	Ethyl methacrylate	0.456	0.494	-8.3	63	0.00
57 T	1,3-Dichloropropane	0.515	0.541	-5.0	62	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.231	-8.5	66	0.00
59 T	2-Hexanone	0.239	0.308	-28.9#	76	0.00
60 T	Dibromochloromethane	0.366	0.388	-6.0	62	0.00
61 T	1,2-Dibromoethane	0.298	0.322	-8.1	64	0.00
62 S	4-Bromofluorobenzene	0.450	0.364	19.1	50	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
64 T	Tetrachloroethene	0.402	0.404	-0.5	61	0.00
65 PM	Chlorobenzene	1.065	1.037	2.6	59	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.404	-0.5	60	0.00
67 C	Ethyl Benzene	1.924	1.831	4.8#	57	0.00
68 T	m/p-Xylenes	0.734	0.700	4.6	57	0.00
69 T	o-Xylene	0.715	0.697	2.5	59	0.00
70 T	Styrene	1.206	1.191	1.2	59	0.00
71 P	Bromoform	0.272	0.299	-9.9	65	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	65	0.00
73 T	Isopropylbenzene	3.915	3.564	9.0	57	0.00
74 T	N-amyl acetate	1.311	1.356	-3.4	64	0.00
75 P	1,1,2,2-Tetrachloroethane	0.893	0.968	-8.4	69	0.00
76 T	1,2,3-Trichloropropane	0.631	0.739	-17.1	74	0.00
77 T	Bromobenzene	0.894	0.873	2.3	61	0.00
78 T	n-propylbenzene	4.718	4.279	9.3	56	0.00
79 T	2-Chlorotoluene	2.717	2.446	10.0	56	0.00
80 T	1,3,5-Trimethylbenzene	3.270	3.000	8.3	57	0.00
81 T	trans-1,4-Dichloro-2-butene	0.326	0.333	-2.1	63	0.00
82 T	4-Chlorotoluene	2.799	2.547	9.0	57	0.00
83 T	tert-Butylbenzene	2.900	2.642	8.9	57	0.00
84 T	1,2,4-Trimethylbenzene	3.209	2.972	7.4	58	0.00
85 T	sec-Butylbenzene	4.255	3.889	8.6	57	0.00
86 T	p-Isopropyltoluene	3.474	3.256	6.3	58	0.00
87 T	1,3-Dichlorobenzene	1.739	1.688	2.9	60	0.00
88 T	1,4-Dichlorobenzene	1.743	1.700	2.5	61	0.00
89 T	n-Butylbenzene	3.380	3.061	9.4	56	0.00
90 T	Hexachloroethane	0.714	0.643	9.9	56	0.00
91 T	1,2-Dichlorobenzene	1.594	1.572	1.4	61	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.171	0.198	-15.8	74	0.00
93 T	1,2,4-Trichlorobenzene	1.012	1.007	0.5	60	0.00
94 T	Hexachlorobutadiene	0.556	0.515	7.4	56	0.00
95 T	Naphthalene	2.357	2.701	-14.6	70	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.899	0.928	-3.2	63	0.00

(#) = Out of Range

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