

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014711.D
 Acq On : 20 Jul 2023 10:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 20 14:08:34 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	72	0.00
2 T	Dichlorodifluoromethane	0.407	0.327	19.7	61	0.00
3 P	Chloromethane	0.458	0.443	3.3	71	0.00
4 C	Vinyl Chloride	0.512	0.509	0.6#	71	0.00
5 T	Bromomethane	0.338	0.365	-8.0	78	0.00
6 T	Chloroethane	0.320	0.338	-5.6	75	0.00
7 T	Trichlorofluoromethane	0.860	0.770	10.5	63	0.00
8 T	Diethyl Ether	0.320	0.296	7.5	66	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.465	11.8	62	0.00
10 T	Methyl Iodide	0.493	0.525	-6.5	70	0.00
11 T	Tert butyl alcohol	0.125	0.094	24.8	61	0.00
12 CM	1,1-Dichloroethene	0.492	0.430	12.6#	61	0.00
13 T	Acrolein	0.060	0.048	20.0	64	0.00
14 T	Allyl chloride	0.874	0.738	15.6	60	0.00
15 T	Acrylonitrile	0.176	0.171	2.8	69	0.00
16 T	Acetone	0.181	0.181	0.0	67	0.00
17 T	Carbon Disulfide	1.410	1.159	17.8	60	0.00
18 T	Methyl Acetate	0.693	0.659	4.9	67	0.00
19 T	Methyl tert-butyl Ether	1.599	1.515	5.3	67	0.00
20 T	Methylene Chloride	0.656	0.547	16.6	65	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.495	11.4	63	0.00
22 T	Diisopropyl ether	1.777	1.618	8.9	64	0.00
23 T	Vinyl Acetate	1.064	0.986	7.3	65	0.00
24 P	1,1-Dichloroethane	1.017	0.919	9.6	63	0.00
25 T	2-Butanone	0.264	0.252	4.5	67	0.00
26 T	2,2-Dichloropropane	0.969	0.867	10.5	63	0.00
27 T	cis-1,2-Dichloroethene	0.650	0.603	7.2	65	0.00
28 T	Bromochloromethane	0.438	0.406	7.3	70	0.00
29 T	Tetrahydrofuran	0.163	0.153	6.1	68	0.00
30 C	Chloroform	1.049	0.976	7.0#	66	0.00
31 T	Cyclohexane	0.946	0.752	20.5	59	0.00
32 T	1,1,1-Trichloroethane	0.944	0.858	9.1	64	0.00
33 S	1,2-Dichloroethane-d4	0.570	0.558	2.1	72	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
35 S	Dibromofluoromethane	0.318	0.313	1.6	71	0.00
36 T	1,1-Dichloropropene	0.476	0.422	11.3	62	0.00
37 T	Ethyl Acetate	0.328	0.308	6.1	69	0.00
38 T	Carbon Tetrachloride	0.503	0.459	8.7	64	0.00
39 T	Methylcyclohexane	0.620	0.525	15.3	60	0.00
40 TM	Benzene	1.354	1.235	8.8	64	0.00
41 T	Methacrylonitrile	0.169	0.177	-4.7	77	0.01
42 TM	1,2-Dichloroethane	0.429	0.403	6.1	66	0.00
43 T	Isopropyl Acetate	0.624	0.577	7.5	66	0.00
44 TM	Trichloroethene	0.379	0.343	9.5	64	0.00
45 C	1,2-Dichloropropane	0.353	0.319	9.6#	63	0.00
46 T	Dibromomethane	0.214	0.204	4.7	67	0.00
47 T	Bromodichloromethane	0.505	0.472	6.5	65	0.00
48 T	Methyl methacrylate	0.281	0.256	8.9	65	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	69	0.00
50 S	Toluene-d8	1.173	1.114	5.0	69	0.00
51 T	4-Methyl-2-Pentanone	0.328	0.314	4.3	68	0.00
52 CM	Toluene	0.866	0.789	8.9#	64	0.00
53 T	t-1,3-Dichloropropene	0.553	0.509	8.0	65	0.00
54 T	cis-1,3-Dichloropropene	0.601	0.547	9.0	64	0.00
55 T	1,1,2-Trichloroethane	0.299	0.283	5.4	66	0.00
56 T	Ethyl methacrylate	0.456	0.429	5.9	65	0.00
57 T	1,3-Dichloropropane	0.515	0.479	7.0	65	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.205	3.8	69	0.00
59 T	2-Hexanone	0.239	0.230	3.8	68	0.00
60 T	Dibromochloromethane	0.366	0.352	3.8	67	0.00
61 T	1,2-Dibromoethane	0.298	0.280	6.0	66	0.00
62 S	4-Bromofluorobenzene	0.450	0.420	6.7	69	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
64 T	Tetrachloroethene	0.402	0.353	12.2	63	0.00
65 PM	Chlorobenzene	1.065	0.972	8.7	65	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.374	7.0	65	0.00
67 C	Ethyl Benzene	1.924	1.727	10.2#	63	0.00
68 T	m/p-Xylenes	0.734	0.662	9.8	64	0.00
69 T	o-Xylene	0.715	0.648	9.4	64	0.00
70 T	Styrene	1.206	1.100	8.8	64	0.00
71 P	Bromoform	0.272	0.262	3.7	67	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	75	0.00
73 T	Isopropylbenzene	3.915	3.387	13.5	64	0.00
74 T	N-amyl acetate	1.311	1.150	12.3	64	0.00
75 P	1,1,2,2-Tetrachloroethane	0.893	0.814	8.8	68	0.00
76 T	1,2,3-Trichloropropane	0.631	0.615	2.5	72	0.00
77 T	Bromobenzene	0.894	0.806	9.8	65	0.00
78 T	n-propylbenzene	4.718	4.095	13.2	63	0.00
79 T	2-Chlorotoluene	2.717	2.346	13.7	63	0.00
80 T	1,3,5-Trimethylbenzene	3.270	2.859	12.6	63	0.00
81 T	trans-1,4-Dichloro-2-butene	0.326	0.287	12.0	64	0.00
82 T	4-Chlorotoluene	2.799	2.439	12.9	64	0.00
83 T	tert-Butylbenzene	2.900	2.520	13.1	63	0.00
84 T	1,2,4-Trimethylbenzene	3.209	2.830	11.8	64	0.00
85 T	sec-Butylbenzene	4.255	3.734	12.2	64	0.00
86 T	p-Isopropyltoluene	3.474	3.088	11.1	64	0.00
87 T	1,3-Dichlorobenzene	1.739	1.583	9.0	66	0.00
88 T	1,4-Dichlorobenzene	1.743	1.585	9.1	66	0.00
89 T	n-Butylbenzene	3.380	2.933	13.2	62	0.00
90 T	Hexachloroethane	0.714	0.624	12.6	63	0.00
91 T	1,2-Dichlorobenzene	1.594	1.454	8.8	66	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.171	0.148	13.5	65	0.00
93 T	1,2,4-Trichlorobenzene	1.012	0.926	8.5	64	0.00
94 T	Hexachlorobutadiene	0.556	0.494	11.2	63	0.00
95 T	Naphthalene	2.357	2.175	7.7	66	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.899	0.826	8.1	65	0.00

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