

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072523\
 Data File : VY014814.D
 Acq On : 25 Jul 2023 20:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 26 01:23:23 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	0.313	23.1	47#	0.00
3 P	Chloromethane	0.458	0.454	0.9	59	0.00
4 C	Vinyl Chloride	0.512	0.534	-4.3#	61	0.00
5 T	Bromomethane	0.338	0.436	-29.0#	76	0.00
6 T	Chloroethane	0.320	0.369	-15.3	67	0.00
7 T	Trichlorofluoromethane	0.860	0.790	8.1	53	0.00
8 T	Diethyl Ether	0.320	0.299	6.6	54	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.471	10.6	51	0.00
10 T	Methyl Iodide	0.493	0.427	13.4	46#	0.00
11 T	Tert butyl alcohol	0.125	0.099	20.8	53	0.00
12 CM	1,1-Dichloroethene	0.492	0.436	11.4#	51	0.01
13 T	Acrolein	0.060	0.044	26.7#	48#	0.00
14 T	Allyl chloride	0.874	0.721	17.5	48#	0.01
15 T	Acrylonitrile	0.176	0.180	-2.3	59	0.01
16 T	Acetone	0.181	0.144	20.4	44#	0.00
17 T	Carbon Disulfide	1.410	1.106	21.6	46#	0.00
18 T	Methyl Acetate	0.693	0.756	-9.1	63	0.00
19 T	Methyl tert-butyl Ether	1.599	1.563	2.3	56	0.00
20 T	Methylene Chloride	0.656	0.553	15.7	54	0.01
21 T	trans-1,2-Dichloroethene	0.559	0.508	9.1	53	0.00
22 T	Diisopropyl ether	1.777	1.665	6.3	53	0.00
23 T	Vinyl Acetate	1.064	0.969	8.9	52	0.00
24 P	1,1-Dichloroethane	1.017	0.951	6.5	53	0.00
25 T	2-Butanone	0.264	0.250	5.3	54	0.00
26 T	2,2-Dichloropropane	0.969	0.748	22.8	45#	0.00
27 T	cis-1,2-Dichloroethene	0.650	0.630	3.1	55	0.00
28 T	Bromochloromethane	0.438	0.426	2.7	60	0.01
29 T	Tetrahydrofuran	0.163	0.166	-1.8	60	0.00
30 C	Chloroform	1.049	1.021	2.7#	56	0.00
31 T	Cyclohexane	0.946	0.740	21.8	47#	0.00
32 T	1,1,1-Trichloroethane	0.944	0.889	5.8	54	0.00
33 S	1,2-Dichloroethane-d4	0.570	0.586	-2.8	61	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	61	0.00
35 S	Dibromofluoromethane	0.318	0.318	0.0	61	0.00
36 T	1,1-Dichloropropene	0.476	0.414	13.0	51	0.00
37 T	Ethyl Acetate	0.328	0.304	7.3	58	0.00
38 T	Carbon Tetrachloride	0.503	0.451	10.3	53	0.00
39 T	Methylcyclohexane	0.620	0.502	19.0	48#	0.00
40 TM	Benzene	1.354	1.240	8.4	54	0.00
41 T	Methacrylonitrile	0.169	0.157	7.1	58	0.00
42 TM	1,2-Dichloroethane	0.429	0.407	5.1	56	0.00
43 T	Isopropyl Acetate	0.624	0.581	6.9	56	0.00
44 TM	Trichloroethene	0.379	0.346	8.7	54	0.00
45 C	1,2-Dichloropropane	0.353	0.323	8.5#	54	0.00
46 T	Dibromomethane	0.214	0.206	3.7	57	0.00
47 T	Bromodichloromethane	0.505	0.477	5.5	56	0.00
48 T	Methyl methacrylate	0.281	0.261	7.1	55	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	58	0.00
50 S	Toluene-d8	1.173	1.119	4.6	59	0.00
51 T	4-Methyl-2-Pentanone	0.328	0.323	1.5	59	0.00
52 CM	Toluene	0.866	0.793	8.4#	54	0.00
53 T	t-1,3-Dichloropropene	0.553	0.476	13.9	51	0.00
54 T	cis-1,3-Dichloropropene	0.601	0.523	13.0	51	0.00
55 T	1,1,2-Trichloroethane	0.299	0.291	2.7	58	0.00
56 T	Ethyl methacrylate	0.456	0.425	6.8	55	0.00
57 T	1,3-Dichloropropane	0.515	0.485	5.8	55	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.206	3.3	59	0.00
59 T	2-Hexanone	0.239	0.232	2.9	57	0.00
60 T	Dibromochloromethane	0.366	0.352	3.8	56	0.00
61 T	1,2-Dibromoethane	0.298	0.280	6.0	55	0.00
62 S	4-Bromofluorobenzene	0.450	0.415	7.8	57	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	62	0.00
64 T	Tetrachloroethene	0.402	0.389	3.2	59	0.00
65 PM	Chlorobenzene	1.065	0.979	8.1	55	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.389	3.2	57	0.00
67 C	Ethyl Benzene	1.924	1.738	9.7#	54	0.00
68 T	m/p-Xylenes	0.734	0.663	9.7	54	0.00
69 T	o-Xylene	0.715	0.652	8.8	55	0.00
70 T	Styrene	1.206	1.116	7.5	55	0.00
71 P	Bromoform	0.272	0.264	2.9	57	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00
73 T	Isopropylbenzene	3.915	3.425	12.5	55	0.00
74 T	N-acyl acetate	1.311	1.116	14.9	52	0.00
75 P	1,1,2,2-Tetrachloroethane	0.893	0.812	9.1	57	0.00
76 T	1,2,3-Trichloropropane	0.631	0.627	0.6	62	0.00
77 T	Bromobenzene	0.894	0.806	9.8	55	0.00
78 T	n-propylbenzene	4.718	4.079	13.5	53	0.00
79 T	2-Chlorotoluene	2.717	2.337	14.0	53	0.00
80 T	1,3,5-Trimethylbenzene	3.270	2.834	13.3	53	0.00
81 T	trans-1,4-Dichloro-2-butene	0.326	0.253	22.4	47#	0.00
82 T	4-Chlorotoluene	2.799	2.410	13.9	53	0.00
83 T	tert-Butylbenzene	2.900	2.516	13.2	53	0.00
84 T	1,2,4-Trimethylbenzene	3.209	2.838	11.6	54	0.00
85 T	sec-Butylbenzene	4.255	3.732	12.3	54	0.00
86 T	p-Isopropyltoluene	3.474	3.090	11.1	54	0.00
87 T	1,3-Dichlorobenzene	1.739	1.594	8.3	56	0.00
88 T	1,4-Dichlorobenzene	1.743	1.576	9.6	56	0.00
89 T	n-Butylbenzene	3.380	2.887	14.6	52	0.00
90 T	Hexachloroethane	0.714	0.610	14.6	52	0.00
91 T	1,2-Dichlorobenzene	1.594	1.469	7.8	56	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.171	0.153	10.5	57	0.00
93 T	1,2,4-Trichlorobenzene	1.012	0.892	11.9	53	0.00
94 T	Hexachlorobutadiene	0.556	0.478	14.0	51	0.00
95 T	Naphthalene	2.357	2.174	7.8	55	0.00

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Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T 1,2,3-Trichlorobenzene	0.899	0.805	10.5	54	0.00

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