

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072823\
 Data File : VY014919.D
 Acq On : 28 Jul 2023 19:20
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Jul 29 03:11:05 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	57	0.00
2 T	Dichlorodifluoromethane	0.407	0.305	25.1#	45#	0.00
3 P	Chloromethane	0.458	0.463	-1.1	59	0.00
4 C	Vinyl Chloride	0.512	0.549	-7.2#	61	0.00
5 T	Bromomethane	0.338	0.422	-24.9	72	-0.01
6 T	Chloroethane	0.320	0.370	-15.6	65	0.00
7 T	Trichlorofluoromethane	0.860	0.810	5.8	53	0.00
8 T	Diethyl Ether	0.320	0.308	3.8	54	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.527	0.477	9.5	50	0.00
10 T	Methyl Iodide	0.493	0.417	15.4	44#	0.00
11 T	Tert butyl alcohol	0.125	0.114	8.8	58	0.00
12 CM	1,1-Dichloroethene	0.492	0.437	11.2#	49#	0.00
13 T	Acrolein	0.060	0.035	41.7#	37#	0.00
14 T	Allyl chloride	0.874	0.719	17.7	46#	0.00
15 T	Acrylonitrile	0.176	0.191	-8.5	61	0.00
16 T	Acetone	0.181	0.191	-5.5	56	0.00
17 T	Carbon Disulfide	1.410	1.056	25.1#	43#	0.00
18 T	Methyl Acetate	0.693	0.825	-19.0	67	0.00
19 T	Methyl tert-butyl Ether	1.599	1.611	-0.8	56	0.00
20 T	Methylene Chloride	0.656	0.637	2.9	60	0.00
21 T	trans-1,2-Dichloroethene	0.559	0.502	10.2	51	0.00
22 T	Diisopropyl ether	1.777	1.657	6.8	52	0.00
23 T	Vinyl Acetate	1.064	0.952	10.5	50#	0.00
24 P	1,1-Dichloroethane	1.017	0.950	6.6	52	0.00
25 T	2-Butanone	0.264	0.284	-7.6	60	0.00
26 T	2,2-Dichloropropane	0.969	0.788	18.7	46#	0.00
27 T	cis-1,2-Dichloroethene	0.650	0.629	3.2	54	0.00
28 T	Bromochloromethane	0.438	0.441	-0.7	60	0.00
29 T	Tetrahydrofuran	0.163	0.177	-8.6	62	0.00
30 C	Chloroform	1.049	1.025	2.3#	55	0.00
31 T	Cyclohexane	0.946	0.733	22.5	46#	0.00
32 T	1,1,1-Trichloroethane	0.944	0.883	6.5	52	0.00
33 S	1,2-Dichloroethane-d4	0.570	0.567	0.5	58	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	58	0.00
35 S	Dibromofluoromethane	0.318	0.307	3.5	55	0.00
36 T	1,1-Dichloropropene	0.476	0.425	10.7	50#	0.00
37 T	Ethyl Acetate	0.328	0.345	-5.2	62	0.00
38 T	Carbon Tetrachloride	0.503	0.472	6.2	52	0.00
39 T	Methylcyclohexane	0.620	0.523	15.6	47#	0.00
40 TM	Benzene	1.354	1.272	6.1	52	0.00
41 T	Methacrylonitrile	0.169	0.186	-10.1	64	0.00
42 TM	1,2-Dichloroethane	0.429	0.439	-2.3	57	0.00
43 T	Isopropyl Acetate	0.624	0.634	-1.6	57	0.00
44 TM	Trichloroethene	0.379	0.360	5.0	53	0.00
45 C	1,2-Dichloropropane	0.353	0.337	4.5#	53	0.00
46 T	Dibromomethane	0.214	0.221	-3.3	57	0.00
47 T	Bromodichloromethane	0.505	0.500	1.0	55	0.00
48 T	Methyl methacrylate	0.281	0.285	-1.4	57	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	66	0.00
50 S	Toluene-d8	1.173	1.089	7.2	54	0.00
51 T	4-Methyl-2-Pentanone	0.328	0.365	-11.3	63	0.00
52 CM	Toluene	0.866	0.811	6.4#	52	0.00
53 T	t-1,3-Dichloropropene	0.553	0.520	6.0	52	0.00
54 T	cis-1,3-Dichloropropene	0.601	0.562	6.5	52	0.00
55 T	1,1,2-Trichloroethane	0.299	0.315	-5.4	59	0.00
56 T	Ethyl methacrylate	0.456	0.464	-1.8	56	0.00
57 T	1,3-Dichloropropane	0.515	0.523	-1.6	56	0.00
58 T	2-Chloroethyl Vinyl ether	0.213	0.199	6.6	53	0.00
59 T	2-Hexanone	0.239	0.267	-11.7	62	0.00
60 T	Dibromochloromethane	0.366	0.376	-2.7	57	0.00
61 T	1,2-Dibromoethane	0.298	0.308	-3.4	57	0.00
62 S	4-Bromofluorobenzene	0.450	0.409	9.1	53	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	60	0.00
64 T	Tetrachloroethene	0.402	0.435	-8.2	63	0.00
65 PM	Chlorobenzene	1.065	1.004	5.7	55	0.00
66 T	1,1,1,2-Tetrachloroethane	0.402	0.392	2.5	56	0.00
67 C	Ethyl Benzene	1.924	1.764	8.3#	53	0.00
68 T	m/p-Xylenes	0.734	0.676	7.9	53	0.00
69 T	o-Xylene	0.715	0.674	5.7	54	0.00
70 T	Styrene	1.206	1.155	4.2	55	0.00
71 P	Bromoform	0.272	0.276	-1.5	58	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	64	0.00
73 T	Isopropylbenzene	3.915	3.344	14.6	53	0.00
74 T	N-amyl acetate	1.311	1.189	9.3	56	0.00
75 P	1,1,2,2-Tetrachloroethane	0.893	0.852	4.6	60	0.00
76 T	1,2,3-Trichloropropane	0.631	0.678	-7.4	67	0.00
77 T	Bromobenzene	0.894	0.825	7.7	57	0.00
78 T	n-propylbenzene	4.718	4.042	14.3	53	0.00
79 T	2-Chlorotoluene	2.717	2.321	14.6	53	0.00
80 T	1,3,5-Trimethylbenzene	3.270	2.816	13.9	53	0.00
81 T	trans-1,4-Dichloro-2-butene	0.326	0.265	18.7	50#	0.00
82 T	4-Chlorotoluene	2.799	2.412	13.8	53	0.00
83 T	tert-Butylbenzene	2.900	2.468	14.9	52	0.00
84 T	1,2,4-Trimethylbenzene	3.209	2.828	11.9	54	0.00
85 T	sec-Butylbenzene	4.255	3.712	12.8	54	0.00
86 T	p-Isopropyltoluene	3.474	3.103	10.7	54	0.00
87 T	1,3-Dichlorobenzene	1.739	1.610	7.4	57	0.00
88 T	1,4-Dichlorobenzene	1.743	1.616	7.3	57	0.00
89 T	n-Butylbenzene	3.380	2.904	14.1	52	0.00
90 T	Hexachloroethane	0.714	0.603	15.5	52	0.00
91 T	1,2-Dichlorobenzene	1.594	1.510	5.3	58	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.171	0.165	3.5	61	0.00
93 T	1,2,4-Trichlorobenzene	1.012	0.987	2.5	58	0.00
94 T	Hexachlorobutadiene	0.556	0.506	9.0	54	0.00
95 T	Naphthalene	2.357	2.439	-3.5	62	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.899	0.901	-0.2	60	0.00

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