

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040224\
 Data File : VY017821.D
 Acq On : 02 Apr 2024 17:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 03 02:05:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032924S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 05:58:13 2024
 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	71	0.00
2 T	Dichlorodifluoromethane	0.334	0.309	7.5	80	0.00
3 P	Chloromethane	0.653	0.728	-11.5	89	0.00
4 C	Vinyl Chloride	0.853	0.906	-6.2#	85	0.00
5 T	Bromomethane	0.690	0.699	-1.3	86	0.00
6 T	Chloroethane	0.556	0.591	-6.3	85	0.00
7 T	Trichlorofluoromethane	0.832	0.781	6.1	78	0.01
8 T	Diethyl Ether	0.244	0.217	11.1	71	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.448	10.2	74	0.00
10 T	Methyl Iodide	0.542	0.513	5.4	70	0.00
11 T	Tert butyl alcohol	0.044	0.025	43.2#	60	0.00
12 CM	1,1-Dichloroethene	0.467	0.424	9.2#	73	0.00
13 T	Acrolein	0.030	0.023	23.3	60	0.00
14 T	Allyl chloride	0.573	0.536	6.5	74	0.00
15 T	Acrylonitrile	0.103	0.086	16.5	66	0.00
16 T	Acetone	0.089	0.065	27.0#	56	0.00
17 T	Carbon Disulfide	1.321	1.237	6.4	70	0.00
18 T	Methyl Acetate	0.198	0.179	9.6	73	0.00
19 T	Methyl tert-butyl Ether	1.069	0.948	11.3	70	0.00
20 T	Methylene Chloride	0.662	0.471	28.9#	67	0.00
21 T	trans-1,2-Dichloroethene	0.499	0.472	5.4	74	0.00
22 T	Diisopropyl ether	1.324	1.275	3.7	76	0.00
23 T	Vinyl Acetate	0.808	0.723	10.5	70	0.00
24 P	1,1-Dichloroethane	0.878	0.826	5.9	76	0.00
25 T	2-Butanone	0.127	0.102	19.7	63	0.00
26 T	2,2-Dichloropropane	0.759	0.635	16.3	70	0.00
27 T	cis-1,2-Dichloroethene	0.590	0.531	10.0	72	0.00
28 T	Bromochloromethane	0.357	0.386	-8.1	73	0.00
29 T	Tetrahydrofuran	0.076	0.067	11.8	69	0.00
30 C	Chloroform	0.911	0.843	7.5#	75	0.00
31 T	Cyclohexane	0.762	0.663	13.0	72	0.00
32 T	1,1,1-Trichloroethane	0.776	0.715	7.9	75	0.00
33 S	1,2-Dichloroethane-d4	0.433	0.406	6.2	72	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	74	0.00
35 S	Dibromofluoromethane	0.289	0.256	11.4	71	0.00
36 T	1,1-Dichloropropene	0.422	0.358	15.2	71	0.00
37 T	Ethyl Acetate	0.182	0.149	18.1	70	0.00
38 T	Carbon Tetrachloride	0.438	0.369	15.8	72	0.00
39 T	Methylcyclohexane	0.527	0.439	16.7	68	0.00
40 TM	Benzene	1.299	1.129	13.1	74	0.00
41 T	Methacrylonitrile	0.108	0.088	18.5	65	-0.02
42 TM	1,2-Dichloroethane	0.320	0.265	17.2	70	0.00
43 T	Isopropyl Acetate	0.330	0.274	17.0	71	0.00
44 TM	Trichloroethene	0.338	0.279	17.5	70	0.00
45 C	1,2-Dichloropropane	0.302	0.262	13.2#	74	0.00
46 T	Dibromomethane	0.172	0.139	19.2	68	0.00
47 T	Bromodichloromethane	0.433	0.371	14.3	73	0.00
48 T	Methyl methacrylate	0.146	0.125	14.4	70	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	68	0.00
50 S	Toluene-d8	1.079	0.990	8.2	73	0.00
51 T	4-Methyl-2-Pentanone	0.175	0.154	12.0	73	0.00
52 CM	Toluene	0.788	0.677	14.1#	72	0.00
53 T	t-1,3-Dichloropropene	0.385	0.317	17.7	69	0.00
54 T	cis-1,3-Dichloropropene	0.470	0.393	16.4	71	0.00
55 T	1,1,2-Trichloroethane	0.229	0.190	17.0	72	0.00
56 T	Ethyl methacrylate	0.290	0.252	13.1	69	0.00
57 T	1,3-Dichloropropane	0.387	0.329	15.0	72	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.165	-8.6	78	0.00
59 T	2-Hexanone	0.120	0.103	14.2	68	0.00
60 T	Dibromochloromethane	0.288	0.250	13.2	74	0.00
61 T	1,2-Dibromoethane	0.208	0.175	15.9	71	0.00
62 S	4-Bromofluorobenzene	0.328	0.291	11.3	72	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
64 T	Tetrachloroethene	0.436	0.379	13.1	75	0.00
65 PM	Chlorobenzene	1.026	0.841	18.0	72	0.00
66 T	1,1,1,2-Tetrachloroethane	0.348	0.287	17.5	72	0.00
67 C	Ethyl Benzene	1.763	1.516	14.0#	74	0.00
68 T	m/p-Xylenes	0.669	0.566	15.4	72	0.00
69 T	o-Xylene	0.621	0.534	14.0	74	0.00
70 T	Styrene	1.047	0.930	11.2	74	0.00
71 P	Bromoform	0.193	0.159	17.6	72	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	74	0.00
73 T	Isopropylbenzene	3.504	2.993	14.6	73	0.00
74 T	N-amyl acetate	0.702	0.589	16.1	68	0.00
75 P	1,1,2,2-Tetrachloroethane	0.606	0.493	18.6	71	0.00
76 T	1,2,3-Trichloropropane	0.456	0.418	8.3	77	0.00
77 T	Bromobenzene	0.835	0.689	17.5	73	0.00
78 T	n-propylbenzene	4.276	3.646	14.7	72	0.00
79 T	2-Chlorotoluene	2.342	2.012	14.1	74	0.00
80 T	1,3,5-Trimethylbenzene	2.735	2.310	15.5	72	0.00
81 T	trans-1,4-Dichloro-2-butene	0.206	0.166	19.4	67	0.00
82 T	4-Chlorotoluene	2.425	2.019	16.7	71	0.00
83 T	tert-Butylbenzene	2.486	2.120	14.7	74	0.00
84 T	1,2,4-Trimethylbenzene	2.724	2.353	13.6	74	0.00
85 T	sec-Butylbenzene	3.732	3.154	15.5	72	0.00
86 T	p-Isopropyltoluene	3.119	2.595	16.8	72	0.00
87 T	1,3-Dichlorobenzene	1.656	1.376	16.9	74	0.00
88 T	1,4-Dichlorobenzene	1.585	1.310	17.4	72	0.00
89 T	n-Butylbenzene	2.870	2.318	19.2	68	0.00
90 T	Hexachloroethane	0.620	0.525	15.3	75	0.00
91 T	1,2-Dichlorobenzene	1.373	1.147	16.5	71	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.069	15.9	72	0.00
93 T	1,2,4-Trichlorobenzene	0.752	0.594	21.0	65	0.00
94 T	Hexachlorobutadiene	0.456	0.311	31.8#	59	0.00
95 T	Naphthalene	1.246	1.040	16.5	66	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.635	0.512	19.4	66	0.00

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