

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050624\
 Data File : VY018161.D
 Acq On : 06 May 2024 16:56
 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: May 07 01:14:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 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	70	0.00
2 T	Dichlorodifluoromethane	0.399	0.391	2.0	66	0.00
3 P	Chloromethane	0.521	0.559	-7.3	71	0.00
4 C	Vinyl Chloride	0.564	0.652	-15.6#	74	0.00
5 T	Bromomethane	0.348	0.460	-32.2#	85	0.00
6 T	Chloroethane	0.351	0.423	-20.5	75	0.00
7 T	Trichlorofluoromethane	0.751	0.753	-0.3	64	0.00
8 T	Diethyl Ether	0.241	0.246	-2.1	64	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.469	0.475	-1.3	66	-0.01
10 T	Methyl Iodide	0.621	0.630	-1.4	61	0.00
11 T	Tert butyl alcohol	0.032	0.029	9.4	58	-0.01
12 CM	1,1-Dichloroethene	0.478	0.496	-3.8#	67	-0.01
13 T	Acrolein	0.048	0.033	31.3#	48#	0.00
14 T	Allyl chloride	0.632	0.662	-4.7	67	-0.01
15 T	Acrylonitrile	0.091	0.093	-2.2	63	-0.01
16 T	Acetone	0.075	0.072	4.0	55	-0.01
17 T	Carbon Disulfide	1.427	1.484	-4.0	66	0.00
18 T	Methyl Acetate	0.192	0.185	3.6	62	0.00
19 T	Methyl tert-butyl Ether	1.097	1.042	5.0	59	-0.01
20 T	Methylene Chloride	0.526	0.532	-1.1	69	0.00
21 T	trans-1,2-Dichloroethene	0.508	0.543	-6.9	67	-0.01
22 T	Diisopropyl ether	1.302	1.310	-0.6	65	-0.01
23 T	Vinyl Acetate	0.826	0.783	5.2	59	-0.01
24 P	1,1-Dichloroethane	0.786	0.833	-6.0	68	-0.01
25 T	2-Butanone	0.117	0.106	9.4	53	0.00
26 T	2,2-Dichloropropane	0.735	0.744	-1.2	65	0.00
27 T	cis-1,2-Dichloroethene	0.606	0.634	-4.6	67	0.00
28 T	Bromochloromethane	0.318	0.281	11.6	63	-0.01
29 T	Tetrahydrofuran	0.074	0.068	8.1	56	-0.01
30 C	Chloroform	0.832	0.870	-4.6#	67	0.00
31 T	Cyclohexane	0.755	0.741	1.9	66	0.00
32 T	1,1,1-Trichloroethane	0.759	0.756	0.4	64	0.00
33 S	1,2-Dichloroethane-d4	0.394	0.349	11.4	56	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
35 S	Dibromofluoromethane	0.287	0.257	10.5	60	-0.01
36 T	1,1-Dichloropropene	0.384	0.382	0.5	66	0.00
37 T	Ethyl Acetate	0.167	0.147	12.0	56	0.00
38 T	Carbon Tetrachloride	0.435	0.409	6.0	62	-0.01
39 T	Methylcyclohexane	0.563	0.542	3.7	65	0.00
40 TM	Benzene	1.232	1.242	-0.8	67	0.00
41 T	Methacrylonitrile	0.098	0.089	9.2	66	-0.03
42 TM	1,2-Dichloroethane	0.286	0.262	8.4	60	-0.01
43 T	Isopropyl Acetate	0.351	0.294	16.2	54	0.00
44 TM	Trichloroethene	0.350	0.337	3.7	64	0.00
45 C	1,2-Dichloropropane	0.269	0.270	-0.4#	67	0.00
46 T	Dibromomethane	0.163	0.147	9.8	60	0.00
47 T	Bromodichloromethane	0.401	0.378	5.7	62	0.00
48 T	Methyl methacrylate	0.161	0.134	16.8	54	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	63	-0.01
50 S	Toluene-d8	1.122	1.005	10.4	60	0.00
51 T	4-Methyl-2-Pentanone	0.171	0.144	15.8	54	0.00
52 CM	Toluene	0.816	0.794	2.7#	65	0.00
53 T	t-1,3-Dichloropropene	0.388	0.349	10.1	59	0.00
54 T	cis-1,3-Dichloropropene	0.456	0.434	4.8	62	0.00
55 T	1,1,2-Trichloroethane	0.220	0.202	8.2	60	0.00
56 T	Ethyl methacrylate	0.311	0.267	14.1	56	0.00
57 T	1,3-Dichloropropane	0.351	0.330	6.0	61	0.00
58 T	2-Chloroethyl Vinyl ether	0.145	0.131	9.7	61	0.00
59 T	2-Hexanone	0.122	0.101	17.2	50	0.00
60 T	Dibromochloromethane	0.299	0.268	10.4	58	0.00
61 T	1,2-Dibromoethane	0.211	0.189	10.4	57	0.00
62 S	4-Bromofluorobenzene	0.386	0.313	18.9	56	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	73	0.00
64 T	Tetrachloroethene	0.362	0.332	8.3	62	0.00
65 PM	Chlorobenzene	1.055	1.013	4.0	64	0.00
66 T	1,1,1,2-Tetrachloroethane	0.355	0.322	9.3	60	0.00
67 C	Ethyl Benzene	1.770	1.704	3.7#	64	0.00
68 T	m/p-Xylenes	0.709	0.685	3.4	64	0.00
69 T	o-Xylene	0.681	0.658	3.4	65	0.00
70 T	Styrene	1.147	1.082	5.7	62	0.00
71 P	Bromoform	0.208	0.171	17.8	53	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	68	0.00
73 T	Isopropylbenzene	3.763	3.749	0.4	64	0.00
74 T	N-amyl acetate	0.826	0.703	14.9	51	0.00
75 P	1,1,2,2-Tetrachloroethane	0.599	0.542	9.5	56	0.00
76 T	1,2,3-Trichloropropane	0.420	0.373	11.2	56	0.00
77 T	Bromobenzene	0.894	0.876	2.0	61	0.00
78 T	n-propylbenzene	4.333	4.394	-1.4	64	0.00
79 T	2-Chlorotoluene	2.461	2.391	2.8	62	0.00
80 T	1,3,5-Trimethylbenzene	3.033	2.978	1.8	62	0.00
81 T	trans-1,4-Dichloro-2-butene	0.230	0.199	13.5	52	0.00
82 T	4-Chlorotoluene	2.522	2.421	4.0	60	0.00
83 T	tert-Butylbenzene	2.777	2.749	1.0	62	0.00
84 T	1,2,4-Trimethylbenzene	2.971	2.913	2.0	62	0.00
85 T	sec-Butylbenzene	3.985	3.988	-0.1	63	0.00
86 T	p-Isopropyltoluene	3.321	3.342	-0.6	63	0.00
87 T	1,3-Dichlorobenzene	1.710	1.667	2.5	61	0.00
88 T	1,4-Dichlorobenzene	1.686	1.628	3.4	60	0.00
89 T	n-Butylbenzene	2.939	3.004	-2.2	64	0.00
90 T	Hexachloroethane	0.675	0.652	3.4	61	0.00
91 T	1,2-Dichlorobenzene	1.490	1.430	4.0	59	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.090	0.071	21.1	48#	0.00
93 T	1,2,4-Trichlorobenzene	0.833	0.817	1.9	59	0.00
94 T	Hexachlorobutadiene	0.461	0.468	-1.5	65	0.00
95 T	Naphthalene	1.534	1.402	8.6	54	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.695	0.662	4.7	57	0.00

(#) = Out of Range

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