

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040424\
 Data File : VY017858.D
 Acq On : 04 Apr 2024 17:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 05 00:49:31 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	50	0.00
2 T	Dichlorodifluoromethane	0.334	0.380	-13.8	70	0.01
3 P	Chloromethane	0.653	0.795	-21.7	69	0.00
4 C	Vinyl Chloride	0.853	1.196	-40.2#	80	0.01
5 T	Bromomethane	0.690	1.082	-56.8#	95	0.00
6 T	Chloroethane	0.556	0.918	-65.1#	95	0.01
7 T	Trichlorofluoromethane	0.832	0.941	-13.1	67	0.01
8 T	Diethyl Ether	0.244	0.285	-16.8	67	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.499	0.535	-7.2	63	0.02
10 T	Methyl Iodide	0.542	0.641	-18.3	62	0.02
11 T	Tert butyl alcohol	0.044	0.037	15.9	62	0.00
12 CM	1,1-Dichloroethene	0.467	0.511	-9.4#	63	0.01
13 T	Acrolein	0.030	0.024	20.0	44#	0.02
14 T	Allyl chloride	0.573	0.596	-4.0	59	0.02
15 T	Acrylonitrile	0.103	0.118	-14.6	64	0.01
16 T	Acetone	0.089	0.086	3.4	53	0.01
17 T	Carbon Disulfide	1.321	1.387	-5.0	56	0.01
18 T	Methyl Acetate	0.198	0.230	-16.2	67	0.00
19 T	Methyl tert-butyl Ether	1.069	1.301	-21.7	69	0.02
20 T	Methylene Chloride	0.662	0.605	8.6	61	0.02
21 T	trans-1,2-Dichloroethene	0.499	0.585	-17.2	66	0.01
22 T	Diisopropyl ether	1.324	1.527	-15.3	65	0.02
23 T	Vinyl Acetate	0.808	0.947	-17.2	65	0.02
24 P	1,1-Dichloroethane	0.878	1.022	-16.4	67	0.02
25 T	2-Butanone	0.127	0.136	-7.1	60	0.02
26 T	2,2-Dichloropropane	0.759	0.833	-9.7	65	0.01
27 T	cis-1,2-Dichloroethene	0.590	0.722	-22.4	70	0.01
28 T	Bromochloromethane	0.357	0.366	-2.5	50#	0.02
29 T	Tetrahydrofuran	0.076	0.089	-17.1	65	0.01
30 C	Chloroform	0.911	1.126	-23.6#	72	0.01
31 T	Cyclohexane	0.762	0.755	0.9	58	0.00
32 T	1,1,1-Trichloroethane	0.776	0.932	-20.1	70	0.01
33 S	1,2-Dichloroethane-d4	0.433	0.540	-24.7	69	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	53	0.01
35 S	Dibromofluoromethane	0.289	0.343	-18.7	67	0.01
36 T	1,1-Dichloropropene	0.422	0.458	-8.5	64	0.01
37 T	Ethyl Acetate	0.182	0.193	-6.0	65	0.01
38 T	Carbon Tetrachloride	0.438	0.487	-11.2	67	0.00
39 T	Methylcyclohexane	0.527	0.548	-4.0	60	0.00
40 TM	Benzene	1.299	1.467	-12.9	68	0.01
41 T	Methacrylonitrile	0.108	0.088	18.5	46#	-0.01
42 TM	1,2-Dichloroethane	0.320	0.386	-20.6	72	0.00
43 T	Isopropyl Acetate	0.330	0.380	-15.2	69	0.00
44 TM	Trichloroethene	0.338	0.374	-10.7	66	0.01
45 C	1,2-Dichloropropane	0.302	0.338	-11.9#	68	0.00
46 T	Dibromomethane	0.172	0.206	-19.8	72	0.01
47 T	Bromodichloromethane	0.433	0.520	-20.1	72	0.00
48 T	Methyl methacrylate	0.146	0.170	-16.4	68	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	69	0.00
50 S	Toluene-d8	1.079	1.268	-17.5	66	0.00
51 T	4-Methyl-2-Pentanone	0.175	0.206	-17.7	69	0.00
52 CM	Toluene	0.788	0.922	-17.0#	70	0.00
53 T	t-1,3-Dichloropropene	0.385	0.451	-17.1	70	0.00
54 T	cis-1,3-Dichloropropene	0.470	0.533	-13.4	68	0.00
55 T	1,1,2-Trichloroethane	0.229	0.266	-16.2	71	0.00
56 T	Ethyl methacrylate	0.290	0.347	-19.7	67	0.00
57 T	1,3-Dichloropropane	0.387	0.454	-17.3	71	0.00
58 T	2-Chloroethyl Vinyl ether	0.152	0.160	-5.3	53	0.00
59 T	2-Hexanone	0.120	0.137	-14.2	64	0.00
60 T	Dibromochloromethane	0.288	0.350	-21.5	74	0.00
61 T	1,2-Dibromoethane	0.208	0.249	-19.7	71	0.00
62 S	4-Bromofluorobenzene	0.328	0.380	-15.9	66	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	56	0.00
64 T	Tetrachloroethene	0.436	0.483	-10.8	70	0.00
65 PM	Chlorobenzene	1.026	1.133	-10.4	70	0.00
66 T	1,1,1,2-Tetrachloroethane	0.348	0.402	-15.5	74	0.00
67 C	Ethyl Benzene	1.763	1.972	-11.9#	70	0.00
68 T	m/p-Xylenes	0.669	0.762	-13.9	71	0.00
69 T	o-Xylene	0.621	0.701	-12.9	71	0.00
70 T	Styrene	1.047	1.233	-17.8	72	0.00
71 P	Bromoform	0.193	0.216	-11.9	71	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	53	0.00
73 T	Isopropylbenzene	3.504	3.996	-14.0	71	0.00
74 T	N-amyl acetate	0.702	0.772	-10.0	65	0.00
75 P	1,1,2,2-Tetrachloroethane	0.606	0.682	-12.5	71	0.00
76 T	1,2,3-Trichloropropane	0.456	0.528	-15.8	70	0.00
77 T	Bromobenzene	0.835	0.940	-12.6	72	0.00
78 T	n-propylbenzene	4.276	4.786	-11.9	69	0.00
79 T	2-Chlorotoluene	2.342	2.624	-12.0	69	0.00
80 T	1,3,5-Trimethylbenzene	2.735	3.096	-13.2	69	0.00
81 T	trans-1,4-Dichloro-2-butene	0.206	0.231	-12.1	68	0.00
82 T	4-Chlorotoluene	2.425	2.674	-10.3	68	0.00
83 T	tert-Butylbenzene	2.486	2.816	-13.3	71	0.00
84 T	1,2,4-Trimethylbenzene	2.724	3.111	-14.2	70	0.00
85 T	sec-Butylbenzene	3.732	4.268	-14.4	70	0.00
86 T	p-Isopropyltoluene	3.119	3.536	-13.4	70	0.00
87 T	1,3-Dichlorobenzene	1.656	1.845	-11.4	72	0.00
88 T	1,4-Dichlorobenzene	1.585	1.755	-10.7	70	0.00
89 T	n-Butylbenzene	2.870	3.217	-12.1	68	0.00
90 T	Hexachloroethane	0.620	0.694	-11.9	71	0.00
91 T	1,2-Dichlorobenzene	1.373	1.552	-13.0	69	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.082	0.086	-4.9	65	0.00
93 T	1,2,4-Trichlorobenzene	0.752	0.811	-7.8	64	0.00
94 T	Hexachlorobutadiene	0.456	0.476	-4.4	65	0.00
95 T	Naphthalene	1.246	1.429	-14.7	65	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.635	0.695	-9.4	65	0.00

(#) = Out of Range

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