

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016754.D
 Acq On : 21 Dec 2023 11:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 00:42:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 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	89	0.01
2 T	Dichlorodifluoromethane	0.427	0.410	4.0	103	0.00
3 P	Chloromethane	0.657	0.690	-5.0	112	0.00
4 C	Vinyl Chloride	0.742	0.795	-7.1#	108	0.00
5 T	Bromomethane	0.528	0.550	-4.2	112	0.01
6 T	Chloroethane	0.503	0.527	-4.8	108	0.00
7 T	Trichlorofluoromethane	0.864	0.917	-6.1	108	0.01
8 T	Diethyl Ether	0.276	0.276	0.0	99	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.530	0.568	-7.2	108	0.02
10 T	Methyl Iodide	0.552	0.579	-4.9	100	0.01
11 T	Tert butyl alcohol	0.037	0.028	24.3	76	0.02
12 CM	1,1-Dichloroethene	0.472	0.518	-9.7#	108	0.01
13 T	Acrolein	0.029	0.026	10.3	77	0.01
14 T	Allyl chloride	0.723	0.800	-10.7	107	0.01
15 T	Acrylonitrile	0.117	0.114	2.6	90	0.02
16 T	Acetone	0.123	0.102	17.1	92	0.01
17 T	Carbon Disulfide	1.284	1.452	-13.1	108	0.01
18 T	Methyl Acetate	0.482	0.498	-3.3	88	0.01
19 T	Methyl tert-butyl Ether	1.215	1.215	0.0	97	0.02
20 T	Methylene Chloride	0.723	0.617	14.7	104	0.02
21 T	trans-1,2-Dichloroethene	0.538	0.603	-12.1	109	0.01
22 T	Diisopropyl ether	1.636	1.824	-11.5	107	0.02
23 T	Vinyl Acetate	0.774	0.774	0.0	97	0.01
24 P	1,1-Dichloroethane	0.983	1.076	-9.5	108	0.02
25 T	2-Butanone	0.170	0.146	14.1	89	0.02
26 T	2,2-Dichloropropane	0.857	0.939	-9.6	111	0.02
27 T	cis-1,2-Dichloroethene	0.620	0.679	-9.5	107	0.01
28 T	Bromochloromethane	0.389	0.398	-2.3	82	0.01
29 T	Tetrahydrofuran	0.093	0.090	3.2	88	0.01
30 C	Chloroform	1.006	1.096	-8.9#	108	0.01
31 T	Cyclohexane	0.875	0.931	-6.4	109	0.01
32 T	1,1,1-Trichloroethane	0.883	0.956	-8.3	108	0.01
33 S	1,2-Dichloroethane-d4	0.456	0.392	14.0	66	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.286	0.251	12.2	68	0.01
36 T	1,1-Dichloropropene	0.459	0.502	-9.4	108	0.01
37 T	Ethyl Acetate	0.197	0.190	3.6	90	0.01
38 T	Carbon Tetrachloride	0.454	0.496	-9.3	109	0.01
39 T	Methylcyclohexane	0.530	0.606	-14.3	110	0.01
40 TM	Benzene	1.336	1.477	-10.6	109	0.01
41 T	Methacrylonitrile	0.104	0.094	9.6	76	0.01
42 TM	1,2-Dichloroethane	0.349	0.368	-5.4	101	0.00
43 T	Isopropyl Acetate	0.382	0.368	3.7	92	0.01
44 TM	Trichloroethene	0.341	0.375	-10.0	109	0.01
45 C	1,2-Dichloropropane	0.335	0.366	-9.3#	108	0.00
46 T	Dibromomethane	0.173	0.181	-4.6	102	0.01
47 T	Bromodichloromethane	0.456	0.492	-7.9	107	0.00
48 T	Methyl methacrylate	0.212	0.217	-2.4	95	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	93	0.00
50 S	Toluene-d8	1.032	0.942	8.7	70	0.00
51 T	4-Methyl-2-Pentanone	0.204	0.198	2.9	90	0.00
52 CM	Toluene	0.801	0.901	-12.5#	109	0.00
53 T	t-1,3-Dichloropropene	0.416	0.439	-5.5	100	0.00
54 T	cis-1,3-Dichloropropene	0.502	0.545	-8.6	105	0.00
55 T	1,1,2-Trichloroethane	0.247	0.255	-3.2	101	0.00
56 T	Ethyl methacrylate	0.217	0.229	-5.5	96	0.00
57 T	1,3-Dichloropropane	0.420	0.432	-2.9	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.117	0.134	-14.5	75	0.00
59 T	2-Hexanone	0.152	0.138	9.2	90	0.00
60 T	Dibromochloromethane	0.286	0.301	-5.2	103	0.00
61 T	1,2-Dibromoethane	0.222	0.224	-0.9	97	0.00
62 S	4-Bromofluorobenzene	0.335	0.293	12.5	68	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.311	0.332	-6.8	107	0.00
65 PM	Chlorobenzene	0.982	1.074	-9.4	108	0.00
66 T	1,1,1,2-Tetrachloroethane	0.370	0.394	-6.5	105	0.00
67 C	Ethyl Benzene	1.808	2.035	-12.6#	110	0.00
68 T	m/p-Xylenes	0.668	0.751	-12.4	109	0.00
69 T	o-Xylene	0.613	0.692	-12.9	108	0.00
70 T	Styrene	0.906	1.012	-11.7	106	0.00
71 P	Bromoform	0.184	0.182	1.1	95	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	85	0.00
73 T	Isopropylbenzene	3.894	4.571	-17.4	109	0.00
74 T	N-amyl acetate	0.817	0.820	-0.4	92	0.00
75 P	1,1,2,2-Tetrachloroethane	0.778	0.772	0.8	94	0.00
76 T	1,2,3-Trichloropropane	0.553	0.543	1.8	104	0.00
77 T	Bromobenzene	0.850	0.945	-11.2	105	0.00
78 T	n-propylbenzene	4.718	5.571	-18.1	109	0.00
79 T	2-Chlorotoluene	2.611	2.982	-14.2	107	0.00
80 T	1,3,5-Trimethylbenzene	3.082	3.610	-17.1	108	0.00
81 T	trans-1,4-Dichloro-2-butene	0.235	0.235	0.0	94	0.00
82 T	4-Chlorotoluene	2.678	3.043	-13.6	107	0.00
83 T	tert-Butylbenzene	2.681	3.129	-16.7	107	0.00
84 T	1,2,4-Trimethylbenzene	3.040	3.565	-17.3	107	0.00
85 T	sec-Butylbenzene	3.971	4.650	-17.1	109	0.00
86 T	p-Isopropyltoluene	3.307	3.872	-17.1	108	0.00
87 T	1,3-Dichlorobenzene	1.660	1.829	-10.2	106	0.00
88 T	1,4-Dichlorobenzene	1.621	1.765	-8.9	103	0.00
89 T	n-Butylbenzene	3.162	3.737	-18.2	108	0.00
90 T	Hexachloroethane	0.689	0.763	-10.7	108	0.00
91 T	1,2-Dichlorobenzene	1.414	1.525	-7.9	101	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.091	9.9	86	0.00
93 T	1,2,4-Trichlorobenzene	0.750	0.820	-9.3	100	0.00
94 T	Hexachlorobutadiene	0.426	0.482	-13.1	105	0.00
95 T	Naphthalene	1.420	1.456	-2.5	90	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.639	0.677	-5.9	95	0.00

(#) = Out of Range

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