

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122123\
 Data File : VY016774.D
 Acq On : 21 Dec 2023 22:04
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 22 00:47:00 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	76	0.01
2 T	Dichlorodifluoromethane	0.427	0.388	9.1	84	0.00
3 P	Chloromethane	0.657	0.718	-9.3	100	0.00
4 C	Vinyl Chloride	0.742	0.789	-6.3#	92	0.00
5 T	Bromomethane	0.528	0.594	-12.5	104	0.01
6 T	Chloroethane	0.503	0.553	-9.9	98	0.00
7 T	Trichlorofluoromethane	0.864	0.868	-0.5	88	0.01
8 T	Diethyl Ether	0.276	0.318	-15.2	97	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.530	0.536	-1.1	88	0.02
10 T	Methyl Iodide	0.552	0.567	-2.7	84	0.02
11 T	Tert butyl alcohol	0.037	0.042	-13.5	98	0.02
12 CM	1,1-Dichloroethene	0.472	0.507	-7.4#	91	0.02
13 T	Acrolein	0.029	0.034	-17.2	84	0.01
14 T	Allyl chloride	0.723	0.848	-17.3	98	0.02
15 T	Acrylonitrile	0.117	0.150	-28.2#	102	0.02
16 T	Acetone	0.123	0.127	-3.3	98	0.01
17 T	Carbon Disulfide	1.284	1.455	-13.3	93	0.02
18 T	Methyl Acetate	0.482	0.680	-41.1#	103	0.01
19 T	Methyl tert-butyl Ether	1.215	1.457	-19.9	99	0.02
20 T	Methylene Chloride	0.723	0.649	10.2	93	0.02
21 T	trans-1,2-Dichloroethene	0.538	0.622	-15.6	97	0.02
22 T	Diisopropyl ether	1.636	2.011	-22.9	102	0.02
23 T	Vinyl Acetate	0.774	0.870	-12.4	93	0.02
24 P	1,1-Dichloroethane	0.983	1.134	-15.4	97	0.02
25 T	2-Butanone	0.170	0.191	-12.4	100	0.02
26 T	2,2-Dichloropropane	0.857	0.887	-3.5	90	0.02
27 T	cis-1,2-Dichloroethene	0.620	0.719	-16.0	97	0.01
28 T	Bromochloromethane	0.389	0.482	-23.9	85	0.01
29 T	Tetrahydrofuran	0.093	0.123	-32.3#	103	0.02
30 C	Chloroform	1.006	1.176	-16.9#	100	0.01
31 T	Cyclohexane	0.875	0.872	0.3	88	0.01
32 T	1,1,1-Trichloroethane	0.883	0.957	-8.4	93	0.01
33 S	1,2-Dichloroethane-d4	0.456	0.584	-28.1#	85	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	82	0.01
35 S	Dibromofluoromethane	0.286	0.338	-18.2	84	0.02
36 T	1,1-Dichloropropene	0.459	0.482	-5.0	95	0.02
37 T	Ethyl Acetate	0.197	0.225	-14.2	97	0.01
38 T	Carbon Tetrachloride	0.454	0.456	-0.4	92	0.01
39 T	Methylcyclohexane	0.530	0.531	-0.2	88	0.02
40 TM	Benzene	1.336	1.465	-9.7	99	0.01
41 T	Methacrylonitrile	0.104	0.129	-24.0	96	0.02
42 TM	1,2-Dichloroethane	0.349	0.398	-14.0	100	0.01
43 T	Isopropyl Acetate	0.382	0.448	-17.3	103	0.01
44 TM	Trichloroethene	0.341	0.358	-5.0	95	0.02
45 C	1,2-Dichloropropane	0.335	0.374	-11.6#	101	0.01
46 T	Dibromomethane	0.173	0.198	-14.5	102	0.01
47 T	Bromodichloromethane	0.456	0.510	-11.8	101	0.01
48 T	Methyl methacrylate	0.212	0.253	-19.3	101	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	99	0.01
50 S	Toluene-d8	1.032	1.220	-18.2	83	0.01
51 T	4-Methyl-2-Pentanone	0.204	0.250	-22.5	104	0.00
52 CM	Toluene	0.801	0.898	-12.1#	99	0.01
53 T	t-1,3-Dichloropropene	0.416	0.469	-12.7	98	0.01
54 T	cis-1,3-Dichloropropene	0.502	0.556	-10.8	98	0.00
55 T	1,1,2-Trichloroethane	0.247	0.278	-12.6	101	0.01
56 T	Ethyl methacrylate	0.217	0.265	-22.1	102	0.00
57 T	1,3-Dichloropropane	0.420	0.478	-13.8	100	0.00
58 T	2-Chloroethyl Vinyl ether	0.117	0.145	-23.9	74	0.01
59 T	2-Hexanone	0.152	0.170	-11.8	101	0.00
60 T	Dibromochloromethane	0.286	0.325	-13.6	102	0.00
61 T	1,2-Dibromoethane	0.222	0.255	-14.9	101	0.01
62 S	4-Bromofluorobenzene	0.335	0.390	-16.4	82	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.00
64 T	Tetrachloroethene	0.311	0.327	-5.1	99	0.01
65 PM	Chlorobenzene	0.982	1.054	-7.3	100	0.01
66 T	1,1,1,2-Tetrachloroethane	0.370	0.390	-5.4	98	0.01
67 C	Ethyl Benzene	1.808	1.940	-7.3#	99	0.01
68 T	m/p-Xylenes	0.668	0.721	-7.9	98	0.01
69 T	o-Xylene	0.613	0.667	-8.8	98	0.01
70 T	Styrene	0.906	1.003	-10.7	99	0.01
71 P	Bromoform	0.184	0.207	-12.5	102	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	83	0.00
73 T	Isopropylbenzene	3.894	4.164	-6.9	97	0.01
74 T	N-amyl acetate	0.817	0.939	-14.9	103	0.00
75 P	1,1,2,2-Tetrachloroethane	0.778	0.869	-11.7	103	0.00
76 T	1,2,3-Trichloropropane	0.553	0.589	-6.5	111	0.00
77 T	Bromobenzene	0.850	0.898	-5.6	98	0.01
78 T	n-propylbenzene	4.718	5.003	-6.0	96	0.01
79 T	2-Chlorotoluene	2.611	2.784	-6.6	98	0.01
80 T	1,3,5-Trimethylbenzene	3.082	3.339	-8.3	97	0.01
81 T	trans-1,4-Dichloro-2-butene	0.235	0.254	-8.1	99	0.01
82 T	4-Chlorotoluene	2.678	2.881	-7.6	99	0.01
83 T	tert-Butylbenzene	2.681	2.854	-6.5	95	0.00
84 T	1,2,4-Trimethylbenzene	3.040	3.340	-9.9	98	0.00
85 T	sec-Butylbenzene	3.971	4.182	-5.3	96	0.00
86 T	p-Isopropyltoluene	3.307	3.508	-6.1	96	0.00
87 T	1,3-Dichlorobenzene	1.660	1.735	-4.5	98	0.01
88 T	1,4-Dichlorobenzene	1.621	1.689	-4.2	97	0.01
89 T	n-Butylbenzene	3.162	3.325	-5.2	94	0.01
90 T	Hexachloroethane	0.689	0.721	-4.6	100	0.00
91 T	1,2-Dichlorobenzene	1.414	1.522	-7.6	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.110	-8.9	101	0.00
93 T	1,2,4-Trichlorobenzene	0.750	0.783	-4.4	93	0.00
94 T	Hexachlorobutadiene	0.426	0.422	0.9	90	0.00
95 T	Naphthalene	1.420	1.593	-12.2	97	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	93	0.00

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