

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016842.D
 Acq On : 23 Dec 2023 06:17
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 23 06:44:48 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	73	0.02
2 T	Dichlorodifluoromethane	0.427	0.362	15.2	75	0.00
3 P	Chloromethane	0.657	0.683	-4.0	91	0.01
4 C	Vinyl Chloride	0.742	0.764	-3.0#	86	0.01
5 T	Bromomethane	0.528	0.565	-7.0	95	0.02
6 T	Chloroethane	0.503	0.534	-6.2	90	0.01
7 T	Trichlorofluoromethane	0.864	0.811	6.1	79	0.02
8 T	Diethyl Ether	0.276	0.313	-13.4	92	0.02
9 T	1,1,2-Trichlorotrifluoroeth	0.530	0.503	5.1	79	0.02
10 T	Methyl Iodide	0.552	0.540	2.2	77	0.02
11 T	Tert butyl alcohol	0.037	0.044	-18.9	98	0.03
12 CM	1,1-Dichloroethene	0.472	0.495	-4.9#	85	0.02
13 T	Acrolein	0.029	0.029	0.0	69	0.02
14 T	Allyl chloride	0.723	0.810	-12.0	89	0.02
15 T	Acrylonitrile	0.117	0.150	-28.2#	97	0.03
16 T	Acetone	0.123	0.120	2.4	89	0.02
17 T	Carbon Disulfide	1.284	1.398	-8.9	86	0.02
18 T	Methyl Acetate	0.482	0.702	-45.6#	101	0.02
19 T	Methyl tert-butyl Ether	1.215	1.410	-16.0	92	0.03
20 T	Methylene Chloride	0.723	0.680	5.9	94	0.03
21 T	trans-1,2-Dichloroethene	0.538	0.612	-13.8	91	0.02
22 T	Diisopropyl ether	1.636	1.988	-21.5	96	0.03
23 T	Vinyl Acetate	0.774	0.898	-16.0	92	0.02
24 P	1,1-Dichloroethane	0.983	1.143	-16.3	94	0.03
25 T	2-Butanone	0.170	0.190	-11.8	95	0.02
26 T	2,2-Dichloropropane	0.857	0.867	-1.2	84	0.02
27 T	cis-1,2-Dichloroethene	0.620	0.717	-15.6	92	0.02
28 T	Bromochloromethane	0.389	0.521	-33.9#	88	0.02
29 T	Tetrahydrofuran	0.093	0.122	-31.2#	98	0.02
30 C	Chloroform	1.006	1.173	-16.6#	95	0.02
31 T	Cyclohexane	0.875	0.820	6.3	79	0.02
32 T	1,1,1-Trichloroethane	0.883	0.939	-6.3	87	0.02
33 S	1,2-Dichloroethane-d4	0.456	0.590	-29.4#	82	0.02
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	79	0.02
35 S	Dibromofluoromethane	0.286	0.331	-15.7	79	0.02
36 T	1,1-Dichloropropene	0.459	0.454	1.1	86	0.02
37 T	Ethyl Acetate	0.197	0.226	-14.7	94	0.02
38 T	Carbon Tetrachloride	0.454	0.436	4.0	85	0.02
39 T	Methylcyclohexane	0.530	0.491	7.4	79	0.02
40 TM	Benzene	1.336	1.439	-7.7	93	0.02
41 T	Methacrylonitrile	0.104	0.141	-35.6#	101	0.02
42 TM	1,2-Dichloroethane	0.349	0.389	-11.5	95	0.02
43 T	Isopropyl Acetate	0.382	0.430	-12.6	95	0.02
44 TM	Trichloroethene	0.341	0.353	-3.5	91	0.02
45 C	1,2-Dichloropropane	0.335	0.367	-9.6#	96	0.02
46 T	Dibromomethane	0.173	0.190	-9.8	95	0.02
47 T	Bromodichloromethane	0.456	0.496	-8.8	95	0.02
48 T	Methyl methacrylate	0.212	0.242	-14.2	94	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	93	0.01
50 S	Toluene-d8	1.032	1.212	-17.4	79	0.01
51 T	4-Methyl-2-Pentanone	0.204	0.240	-17.6	97	0.01
52 CM	Toluene	0.801	0.879	-9.7#	94	0.02
53 T	t-1,3-Dichloropropene	0.416	0.453	-8.9	91	0.02
54 T	cis-1,3-Dichloropropene	0.502	0.549	-9.4	93	0.01
55 T	1,1,2-Trichloroethane	0.247	0.275	-11.3	96	0.02
56 T	Ethyl methacrylate	0.217	0.253	-16.6	94	0.01
57 T	1,3-Dichloropropane	0.420	0.470	-11.9	95	0.01
58 T	2-Chloroethyl Vinyl ether	0.117	0.163	-39.3#	81	0.02
59 T	2-Hexanone	0.152	0.160	-5.3	92	0.01
60 T	Dibromochloromethane	0.286	0.313	-9.4	95	0.01
61 T	1,2-Dibromoethane	0.222	0.246	-10.8	94	0.01
62 S	4-Bromofluorobenzene	0.335	0.394	-17.6	80	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	81	0.01
64 T	Tetrachloroethene	0.311	0.321	-3.2	95	0.02
65 PM	Chlorobenzene	0.982	1.032	-5.1	95	0.01
66 T	1,1,1,2-Tetrachloroethane	0.370	0.385	-4.1	94	0.01
67 C	Ethyl Benzene	1.808	1.893	-4.7#	94	0.02
68 T	m/p-Xylenes	0.668	0.700	-4.8	93	0.02
69 T	o-Xylene	0.613	0.649	-5.9	93	0.01
70 T	Styrene	0.906	0.976	-7.7	93	0.02
71 P	Bromoform	0.184	0.195	-6.0	93	0.02
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	82	0.01
73 T	Isopropylbenzene	3.894	4.027	-3.4	92	0.01
74 T	N-amyl acetate	0.817	0.866	-6.0	93	0.01
75 P	1,1,2,2-Tetrachloroethane	0.778	0.832	-6.9	97	0.01
76 T	1,2,3-Trichloropropane	0.553	0.632	-14.3	116	0.01
77 T	Bromobenzene	0.850	0.867	-2.0	92	0.01
78 T	n-propylbenzene	4.718	4.841	-2.6	91	0.01
79 T	2-Chlorotoluene	2.611	2.680	-2.6	92	0.02
80 T	1,3,5-Trimethylbenzene	3.082	3.238	-5.1	93	0.01
81 T	trans-1,4-Dichloro-2-butene	0.235	0.235	0.0	90	0.01
82 T	4-Chlorotoluene	2.678	2.767	-3.3	93	0.01
83 T	tert-Butylbenzene	2.681	2.798	-4.4	91	0.01
84 T	1,2,4-Trimethylbenzene	3.040	3.173	-4.4	92	0.01
85 T	sec-Butylbenzene	3.971	3.996	-0.6	90	0.01
86 T	p-Isopropyltoluene	3.307	3.349	-1.3	90	0.01
87 T	1,3-Dichlorobenzene	1.660	1.665	-0.3	92	0.01
88 T	1,4-Dichlorobenzene	1.621	1.640	-1.2	92	0.01
89 T	n-Butylbenzene	3.162	3.159	0.1	87	0.01
90 T	Hexachloroethane	0.689	0.688	0.1	93	0.01
91 T	1,2-Dichlorobenzene	1.414	1.474	-4.2	94	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.101	0.104	-3.0	94	0.01
93 T	1,2,4-Trichlorobenzene	0.750	0.732	2.4	86	0.01
94 T	Hexachlorobutadiene	0.426	0.392	8.0	82	0.00
95 T	Naphthalene	1.420	1.464	-3.1	87	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.639	0.625	2.2	84	0.01

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