

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015911.D
 Acq On : 10 Oct 2023 20:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Oct 11 01:27:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 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	86	0.01
2 T	Dichlorodifluoromethane	0.200	0.215	-7.5	87	0.00
3 P	Chloromethane	0.205	0.243	-18.5	90	0.00
4 C	Vinyl Chloride	0.261	0.304	-16.5#	88	0.00
5 T	Bromomethane	0.214	0.250	-16.8	91	0.01
6 T	Chloroethane	0.205	0.237	-15.6	89	0.01
7 T	Trichlorofluoromethane	0.554	0.601	-8.5	88	0.01
8 T	Diethyl Ether	0.234	0.267	-14.1	91	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.376	0.406	-8.0	87	0.01
10 T	Methyl Iodide	0.333	0.402	-20.7	87	0.02
11 T	Tert butyl alcohol	0.093	0.067	28.0#	66	0.01
12 CM	1,1-Dichloroethene	0.289	0.334	-15.6#	89	0.02
13 T	Acrolein	0.027	0.025	7.4	75	0.01
14 T	Allyl chloride	0.533	0.611	-14.6	89	0.01
15 T	Acrylonitrile	0.161	0.177	-9.9	89	0.02
16 T	Acetone	0.186	0.130	30.1#	63	0.01
17 T	Carbon Disulfide	0.365	0.481	-31.8#	87	0.02
18 T	Methyl Acetate	0.610	0.733	-20.2	92	0.01
19 T	Methyl tert-butyl Ether	1.310	1.467	-12.0	90	0.02
20 T	Methylene Chloride	0.630	0.575	8.7	101	0.02
21 T	trans-1,2-Dichloroethene	0.335	0.387	-15.5	89	0.02
22 T	Diisopropyl ether	1.425	1.626	-14.1	92	0.02
23 T	Vinyl Acetate	0.784	0.843	-7.5	85	0.02
24 P	1,1-Dichloroethane	0.785	0.878	-11.8	91	0.01
25 T	2-Butanone	0.247	0.227	8.1	78	0.01
26 T	2,2-Dichloropropane	0.730	0.722	1.1	83	0.01
27 T	cis-1,2-Dichloroethene	0.495	0.560	-13.1	91	0.01
28 T	Bromochloromethane	0.452	0.491	-8.6	95	0.01
29 T	Tetrahydrofuran	0.135	0.149	-10.4	87	0.01
30 C	Chloroform	0.876	0.988	-12.8#	93	0.01
31 T	Cyclohexane	0.482	0.500	-3.7	88	0.01
32 T	1,1,1-Trichloroethane	0.715	0.786	-9.9	89	0.01
33 S	1,2-Dichloroethane-d4	0.450	0.493	-9.6	96	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	89	0.00
35 S	Dibromofluoromethane	0.279	0.292	-4.7	95	0.01
36 T	1,1-Dichloropropene	0.309	0.342	-10.7	89	0.01
37 T	Ethyl Acetate	0.265	0.287	-8.3	89	0.01
38 T	Carbon Tetrachloride	0.371	0.394	-6.2	89	0.01
39 T	Methylcyclohexane	0.314	0.343	-9.2	87	0.00
40 TM	Benzene	0.971	1.086	-11.8	92	0.01
41 T	Methacrylonitrile	0.165	0.150	9.1	76	0.00
42 TM	1,2-Dichloroethane	0.331	0.366	-10.6	91	0.01
43 T	Isopropyl Acetate	0.491	0.528	-7.5	89	0.01
44 TM	Trichloroethene	0.281	0.310	-10.3	91	0.00
45 C	1,2-Dichloropropane	0.292	0.318	-8.9#	92	0.00
46 T	Dibromomethane	0.174	0.192	-10.3	92	0.01
47 T	Bromodichloromethane	0.432	0.468	-8.3	92	0.00
48 T	Methyl methacrylate	0.217	0.243	-12.0	89	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	88	0.00
50 S	Toluene-d8	0.919	0.979	-6.5	96	0.00
51 T	4-Methyl-2-Pentanone	0.294	0.313	-6.5	88	0.00
52 CM	Toluene	0.644	0.708	-9.9#	91	0.00
53 T	t-1,3-Dichloropropene	0.437	0.476	-8.9	91	0.00
54 T	cis-1,3-Dichloropropene	0.475	0.508	-6.9	89	0.00
55 T	1,1,2-Trichloroethane	0.277	0.298	-7.6	91	0.00
56 T	Ethyl methacrylate	0.376	0.409	-8.8	88	0.00
57 T	1,3-Dichloropropane	0.446	0.486	-9.0	91	0.00
58 T	2-Chloroethyl Vinyl ether	0.229	0.001	99.6#	0#	0.00
59 T	2-Hexanone	0.222	0.221	0.5	84	0.00
60 T	Dibromochloromethane	0.332	0.357	-7.5	91	0.00
61 T	1,2-Dibromoethane	0.253	0.276	-9.1	90	0.00
62 S	4-Bromofluorobenzene	0.373	0.379	-1.6	95	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	89	0.00
64 T	Tetrachloroethene	0.326	0.368	-12.9	96	0.00
65 PM	Chlorobenzene	0.872	0.939	-7.7	92	0.00
66 T	1,1,1,2-Tetrachloroethane	0.356	0.385	-8.1	92	0.00
67 C	Ethyl Benzene	1.496	1.609	-7.6#	91	0.00
68 T	m/p-Xylenes	0.564	0.612	-8.5	91	0.00
69 T	o-Xylene	0.564	0.616	-9.2	91	0.00
70 T	Styrene	0.984	1.082	-10.0	91	0.00
71 P	Bromoform	0.248	0.265	-6.9	90	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	87	0.00
73 T	Isopropylbenzene	3.154	3.352	-6.3	90	0.00
74 T	N-amyl acetate	0.994	1.054	-6.0	86	0.00
75 P	1,1,2,2-Tetrachloroethane	0.818	0.843	-3.1	88	0.00
76 T	1,2,3-Trichloropropane	0.584	0.680	-16.4	106	0.00
77 T	Bromobenzene	0.773	0.815	-5.4	90	0.00
78 T	n-propylbenzene	3.793	3.986	-5.1	89	0.00
79 T	2-Chlorotoluene	2.161	2.289	-5.9	89	0.00
80 T	1,3,5-Trimethylbenzene	2.600	2.773	-6.7	89	0.00
81 T	trans-1,4-Dichloro-2-butene	0.263	0.273	-3.8	84	0.00
82 T	4-Chlorotoluene	2.252	2.365	-5.0	90	0.00
83 T	tert-Butylbenzene	2.426	2.513	-3.6	86	0.00
84 T	1,2,4-Trimethylbenzene	2.618	2.804	-7.1	90	0.00
85 T	sec-Butylbenzene	3.558	3.767	-5.9	89	0.00
86 T	p-Isopropyltoluene	2.943	3.079	-4.6	87	0.00
87 T	1,3-Dichlorobenzene	1.557	1.606	-3.1	89	0.00
88 T	1,4-Dichlorobenzene	1.568	1.617	-3.1	88	0.00
89 T	n-Butylbenzene	2.785	2.902	-4.2	87	0.00
90 T	Hexachloroethane	0.591	0.620	-4.9	89	0.00
91 T	1,2-Dichlorobenzene	1.447	1.515	-4.7	89	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.144	0.151	-4.9	87	0.00
93 T	1,2,4-Trichlorobenzene	0.928	0.944	-1.7	86	0.00
94 T	Hexachlorobutadiene	0.497	0.504	-1.4	87	0.00
95 T	Naphthalene	2.146	2.323	-8.2	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.825	0.856	-3.8	88	0.00

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