

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112823\
 Data File : VY016511.D
 Acq On : 28 Nov 2023 10:43
 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: Nov 29 03:03:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 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	0.02
2 T	Dichlorodifluoromethane	0.490	0.479	2.2	90	0.01
3 P	Chloromethane	0.573	0.499	12.9	80	0.01
4 C	Vinyl Chloride	0.617	0.568	7.9#	83	0.01
5 T	Bromomethane	0.405	0.383	5.4	86	0.01
6 T	Chloroethane	0.393	0.377	4.1	87	0.02
7 T	Trichlorofluoromethane	0.897	0.956	-6.6	92	0.01
8 T	Diethyl Ether	0.268	0.283	-5.6	91	0.01
9 T	1,1,2-Trichlorotrifluoroeth	0.540	0.555	-2.8	92	0.01
10 T	Methyl Iodide	0.584	0.665	-13.9	97	0.02
11 T	Tert butyl alcohol	0.036	0.032	11.1	80	0.02
12 CM	1,1-Dichloroethene	0.505	0.522	-3.4#	91	0.01
13 T	Acrolein	0.043	0.039	9.3	76	0.01
14 T	Allyl chloride	0.717	0.627	12.6	75	0.01
15 T	Acrylonitrile	0.106	0.106	0.0	84	0.02
16 T	Acetone	0.076	0.078	-2.6	93	0.01
17 T	Carbon Disulfide	1.525	1.503	1.4	87	0.02
18 T	Methyl Acetate	0.402	0.397	1.2	84	0.01
19 T	Methyl tert-butyl Ether	1.223	1.255	-2.6	87	0.02
20 T	Methylene Chloride	0.610	0.561	8.0	87	0.02
21 T	trans-1,2-Dichloroethene	0.582	0.599	-2.9	91	0.02
22 T	Diisopropyl ether	1.545	1.364	11.7	75	0.02
23 T	Vinyl Acetate	0.749	0.654	12.7	73	0.02
24 P	1,1-Dichloroethane	0.953	0.908	4.7	83	0.01
25 T	2-Butanone	0.132	0.122	7.6	79	0.01
26 T	2,2-Dichloropropane	0.868	0.879	-1.3	88	0.02
27 T	cis-1,2-Dichloroethene	0.627	0.646	-3.0	90	0.02
28 T	Bromochloromethane	0.353	0.321	9.1	79	0.01
29 T	Tetrahydrofuran	0.088	0.079	10.2	75	0.01
30 C	Chloroform	0.992	1.030	-3.8#	91	0.01
31 T	Cyclohexane	0.900	0.773	14.1	78	0.01
32 T	1,1,1-Trichloroethane	0.910	0.960	-5.5	92	0.02
33 S	1,2-Dichloroethane-d4	0.457	0.425	7.0	82	0.01
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	83	0.01
35 S	Dibromofluoromethane	0.284	0.322	-13.4	94	0.01
36 T	1,1-Dichloropropene	0.493	0.503	-2.0	85	0.02
37 T	Ethyl Acetate	0.199	0.182	8.5	74	0.01
38 T	Carbon Tetrachloride	0.512	0.591	-15.4	95	0.01
39 T	Methylcyclohexane	0.615	0.636	-3.4	85	0.01
40 TM	Benzene	1.386	1.465	-5.7	87	0.01
41 T	Methacrylonitrile	0.100	0.098	2.0	82	0.01
42 TM	1,2-Dichloroethane	0.359	0.378	-5.3	85	0.02
43 T	Isopropyl Acetate	0.385	0.355	7.8	74	0.02
44 TM	Trichloroethene	0.398	0.451	-13.3	94	0.01
45 C	1,2-Dichloropropane	0.333	0.340	-2.1#	82	0.01
46 T	Dibromomethane	0.180	0.200	-11.1	90	0.01
47 T	Bromodichloromethane	0.464	0.507	-9.3	89	0.01
48 T	Methyl methacrylate	0.213	0.200	6.1	73	0.02

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	81	0.00
50 S	Toluene-d8	1.152	1.161	-0.8	84	0.01
51 T	4-Methyl-2-Pentanone	0.195	0.186	4.6	76	0.01
52 CM	Toluene	0.876	0.948	-8.2#	89	0.01
53 T	t-1,3-Dichloropropene	0.449	0.490	-9.1	87	0.00
54 T	cis-1,3-Dichloropropene	0.537	0.578	-7.6	87	0.00
55 T	1,1,2-Trichloroethane	0.249	0.277	-11.2	90	0.01
56 T	Ethyl methacrylate	0.235	0.255	-8.5	84	0.01
57 T	1,3-Dichloropropane	0.424	0.467	-10.1	88	0.01
58 T	2-Chloroethyl Vinyl ether	0.159	0.174	-9.4	81	0.00
59 T	2-Hexanone	0.145	0.133	8.3	77	0.00
60 T	Dibromochloromethane	0.311	0.373	-19.9	95	0.01
61 T	1,2-Dibromoethane	0.237	0.271	-14.3	92	0.01
62 S	4-Bromofluorobenzene	0.374	0.397	-6.1	88	0.01
63 I	Chlorobenzene-d5	1.000	1.000	0.0	83	0.01
64 T	Tetrachloroethene	0.449	0.518	-15.4	95	0.01
65 PM	Chlorobenzene	1.068	1.191	-11.5	93	0.01
66 T	1,1,1,2-Tetrachloroethane	0.394	0.451	-14.5	94	0.01
67 C	Ethyl Benzene	1.920	2.070	-7.8#	88	0.01
68 T	m/p-Xylenes	0.728	0.802	-10.2	90	0.00
69 T	o-Xylene	0.676	0.754	-11.5	89	0.01
70 T	Styrene	0.968	1.095	-13.1	91	0.00
71 P	Bromoform	0.204	0.252	-23.5	99	0.01
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.01
73 T	Isopropylbenzene	4.049	4.278	-5.7	90	0.01
74 T	N-amyl acetate	0.813	0.693	14.8	69	0.00
75 P	1,1,2,2-Tetrachloroethane	0.650	0.676	-4.0	88	0.00
76 T	1,2,3-Trichloropropane	0.480	0.437	9.0	83	0.01
77 T	Bromobenzene	0.915	1.036	-13.2	95	0.01
78 T	n-propylbenzene	4.785	4.904	-2.5	87	0.01
79 T	2-Chlorotoluene	2.637	2.755	-4.5	88	0.01
80 T	1,3,5-Trimethylbenzene	3.264	3.495	-7.1	90	0.01
81 T	trans-1,4-Dichloro-2-butene	0.221	0.232	-5.0	89	0.01
82 T	4-Chlorotoluene	2.725	2.785	-2.2	87	0.01
83 T	tert-Butylbenzene	2.875	3.036	-5.6	89	0.01
84 T	1,2,4-Trimethylbenzene	3.214	3.412	-6.2	89	0.01
85 T	sec-Butylbenzene	4.108	4.324	-5.3	90	0.00
86 T	p-Isopropyltoluene	3.537	3.815	-7.9	91	0.00
87 T	1,3-Dichlorobenzene	1.761	1.925	-9.3	94	0.01
88 T	1,4-Dichlorobenzene	1.721	1.857	-7.9	92	0.01
89 T	n-Butylbenzene	3.267	3.313	-1.4	85	0.01
90 T	Hexachloroethane	0.682	0.727	-6.6	92	0.01
91 T	1,2-Dichlorobenzene	1.509	1.647	-9.1	94	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.103	0.105	-1.9	91	0.00
93 T	1,2,4-Trichlorobenzene	0.881	0.955	-8.4	92	0.01
94 T	Hexachlorobutadiene	0.504	0.558	-10.7	96	0.00
95 T	Naphthalene	1.575	1.688	-7.2	90	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.728	0.774	-6.3	94	0.01

(#) = Out of Range

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