

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051023\
 Data File : VY013678.D
 Acq On : 10 May 2023 10:48
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: May 11 03:22:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 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	99	0.00
2 T	Dichlorodifluoromethane	0.475	0.487	-2.5	99	0.00
3 P	Chloromethane	0.637	0.587	7.8	93	0.00
4 C	Vinyl Chloride	0.634	0.581	8.4#	93	0.00
5 T	Bromomethane	0.506	0.422	16.6	89	0.00
6 T	Chloroethane	0.438	0.375	14.4	90	0.00
7 T	Trichlorofluoromethane	0.961	0.981	-2.1	102	0.00
8 T	Diethyl Ether	0.327	0.323	1.2	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.516	4.3	98	0.00
10 T	Methyl Iodide	0.677	0.644	4.9	87	0.00
11 T	Tert butyl alcohol	0.066	0.066	0.0	114	0.00
12 CM	1,1-Dichloroethene	0.520	0.491	5.6#	93	0.00
13 T	Acrolein	0.054	0.032	40.7#	70	0.00
14 T	Allyl chloride	0.964	0.895	7.2	90	0.00
15 T	Acrylonitrile	0.183	0.175	4.4	92	0.00
16 T	Acetone	0.216	0.216	0.0	90	0.00
17 T	Carbon Disulfide	1.688	1.428	15.4	82	0.00
18 T	Methyl Acetate	0.713	0.638	10.5	87	0.00
19 T	Methyl tert-butyl Ether	1.500	1.490	0.7	95	0.00
20 T	Methylene Chloride	0.924	0.639	30.8#	95	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.552	2.8	94	0.00
22 T	Diisopropyl ether	1.885	1.918	-1.8	99	0.00
23 T	Vinyl Acetate	1.067	1.142	-7.0	100	0.00
24 P	1,1-Dichloroethane	1.050	1.062	-1.1	100	0.00
25 T	2-Butanone	0.274	0.259	5.5	89	0.00
26 T	2,2-Dichloropropane	0.905	0.973	-7.5	106	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.646	-2.9	101	0.00
28 T	Bromochloromethane	0.373	0.370	0.8	99	0.00
29 T	Tetrahydrofuran	0.170	0.147	13.5	82	0.00
30 C	Chloroform	1.044	1.122	-7.5#	107	0.00
31 T	Cyclohexane	0.981	0.854	12.9	90	0.00
32 T	1,1,1-Trichloroethane	0.932	0.989	-6.1	104	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.558	-1.8	106	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	94	0.00
35 S	Dibromofluoromethane	0.314	0.344	-9.6	109	0.00
36 T	1,1-Dichloropropene	0.522	0.535	-2.5	97	0.00
37 T	Ethyl Acetate	0.393	0.362	7.9	83	0.00
38 T	Carbon Tetrachloride	0.547	0.620	-13.3	106	0.00
39 T	Methylcyclohexane	0.615	0.613	0.3	92	0.00
40 TM	Benzene	1.470	1.596	-8.6	101	0.00
41 T	Methacrylonitrile	0.183	0.171	6.6	85	0.00
42 TM	1,2-Dichloroethane	0.481	0.531	-10.4	102	0.00
43 T	Isopropyl Acetate	0.663	0.647	2.4	89	0.00
44 TM	Trichloroethene	0.391	0.413	-5.6	99	0.00
45 C	1,2-Dichloropropane	0.384	0.413	-7.6#	100	0.00
46 T	Dibromomethane	0.230	0.243	-5.7	98	0.00
47 T	Bromodichloromethane	0.515	0.587	-14.0	106	0.00
48 T	Methyl methacrylate	0.304	0.297	2.3	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	83	0.01
50 S	Toluene-d8	1.119	1.146	-2.4	103	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.362	1.9	87	0.00
52 CM	Toluene	0.885	0.979	-10.6#	102	0.00
53 T	t-1,3-Dichloropropene	0.545	0.597	-9.5	100	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.662	-8.0	100	0.00
55 T	1,1,2-Trichloroethane	0.305	0.334	-9.5	102	0.00
56 T	Ethyl methacrylate	0.423	0.451	-6.6	94	0.00
57 T	1,3-Dichloropropane	0.516	0.564	-9.3	102	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.155	1.9	98	0.00
59 T	2-Hexanone	0.269	0.268	0.4	87	0.00
60 T	Dibromochloromethane	0.370	0.417	-12.7	103	0.00
61 T	1,2-Dibromoethane	0.299	0.319	-6.7	98	0.00
62 S	4-Bromofluorobenzene	0.377	0.420	-11.4	113	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.380	0.401	-5.5	102	0.00
65 PM	Chlorobenzene	1.089	1.160	-6.5	104	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.459	-12.8	110	0.00
67 C	Ethyl Benzene	1.913	2.095	-9.5#	105	0.00
68 T	m/p-Xylenes	0.727	0.795	-9.4	105	0.00
69 T	o-Xylene	0.688	0.756	-9.9	104	0.00
70 T	Styrene	1.150	1.298	-12.9	107	0.00
71 P	Bromoform	0.285	0.309	-8.4	104	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	104	0.00
73 T	Isopropylbenzene	3.782	3.981	-5.3	106	0.00
74 T	N-amyl acetate	1.346	1.219	9.4	87	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	0.888	3.9	97	0.00
76 T	1,2,3-Trichloropropane	0.674	0.551	18.2	81	0.00
77 T	Bromobenzene	0.916	0.998	-9.0	110	0.00
78 T	n-propylbenzene	4.658	4.889	-5.0	105	0.00
79 T	2-Chlorotoluene	2.601	2.732	-5.0	106	0.00
80 T	1,3,5-Trimethylbenzene	3.087	3.301	-6.9	107	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.308	6.7	90	0.00
82 T	4-Chlorotoluene	2.711	2.869	-5.8	107	0.00
83 T	tert-Butylbenzene	2.674	2.827	-5.7	106	0.00
84 T	1,2,4-Trimethylbenzene	3.001	3.258	-8.6	107	0.00
85 T	sec-Butylbenzene	4.014	4.194	-4.5	105	0.00
86 T	p-Isopropyltoluene	3.228	3.442	-6.6	107	0.00
87 T	1,3-Dichlorobenzene	1.746	1.883	-7.8	110	0.00
88 T	1,4-Dichlorobenzene	1.764	1.842	-4.4	108	0.00
89 T	n-Butylbenzene	3.150	3.266	-3.7	105	0.00
90 T	Hexachloroethane	0.679	0.699	-2.9	107	0.00
91 T	1,2-Dichlorobenzene	1.577	1.702	-7.9	109	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.152	6.7	96	0.00
93 T	1,2,4-Trichlorobenzene	0.940	0.989	-5.2	108	0.00
94 T	Hexachlorobutadiene	0.547	0.597	-9.1	115	0.00
95 T	Naphthalene	2.039	1.955	4.1	94	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.878	-4.8	106	0.00

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