

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050823\
 Data File : VY013639.D
 Acq On : 08 May 2023 10:30
 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 08 14:42:58 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	106	0.00
2 T	Dichlorodifluoromethane	0.475	0.496	-4.4	108	0.00
3 P	Chloromethane	0.637	0.558	12.4	95	0.00
4 C	Vinyl Chloride	0.634	0.569	10.3#	98	0.00
5 T	Bromomethane	0.506	0.404	20.2	91	0.00
6 T	Chloroethane	0.438	0.361	17.6	93	0.00
7 T	Trichlorofluoromethane	0.961	0.977	-1.7	109	0.00
8 T	Diethyl Ether	0.327	0.301	8.0	96	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.539	0.525	2.6	107	0.00
10 T	Methyl Iodide	0.677	0.609	10.0	88	0.00
11 T	Tert butyl alcohol	0.066	0.047	28.8#	87	0.00
12 CM	1,1-Dichloroethene	0.520	0.485	6.7#	98	0.00
13 T	Acrolein	0.054	0.030	44.4#	70	0.00
14 T	Allyl chloride	0.964	0.861	10.7	93	0.00
15 T	Acrylonitrile	0.183	0.165	9.8	93	0.00
16 T	Acetone	0.216	0.224	-3.7	100	0.00
17 T	Carbon Disulfide	1.688	1.431	15.2	88	0.00
18 T	Methyl Acetate	0.713	0.600	15.8	88	0.00
19 T	Methyl tert-butyl Ether	1.500	1.436	4.3	98	0.00
20 T	Methylene Chloride	0.924	0.609	34.1#	97	0.00
21 T	trans-1,2-Dichloroethene	0.568	0.550	3.2	101	0.00
22 T	Diisopropyl ether	1.885	1.831	2.9	101	0.00
23 T	Vinyl Acetate	1.067	1.094	-2.5	103	0.00
24 P	1,1-Dichloroethane	1.050	1.024	2.5	103	0.00
25 T	2-Butanone	0.274	0.257	6.2	95	0.00
26 T	2,2-Dichloropropane	0.905	0.953	-5.3	112	0.00
27 T	cis-1,2-Dichloroethene	0.628	0.635	-1.1	107	0.00
28 T	Bromochloromethane	0.373	0.355	4.8	102	0.00
29 T	Tetrahydrofuran	0.170	0.142	16.5	85	0.00
30 C	Chloroform	1.044	1.089	-4.3#	111	0.00
31 T	Cyclohexane	0.981	0.869	11.4	98	0.00
32 T	1,1,1-Trichloroethane	0.932	0.981	-5.3	111	0.00
33 S	1,2-Dichloroethane-d4	0.548	0.531	3.1	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	100	0.00
35 S	Dibromofluoromethane	0.314	0.329	-4.8	111	0.00
36 T	1,1-Dichloropropene	0.522	0.553	-5.9	107	0.00
37 T	Ethyl Acetate	0.393	0.355	9.7	86	0.00
38 T	Carbon Tetrachloride	0.547	0.626	-14.4	113	0.00
39 T	Methylcyclohexane	0.615	0.628	-2.1	100	0.00
40 TM	Benzene	1.470	1.557	-5.9	105	0.00
41 T	Methacrylonitrile	0.183	0.203	-10.9	108	0.00
42 TM	1,2-Dichloroethane	0.481	0.524	-8.9	107	0.00
43 T	Isopropyl Acetate	0.663	0.619	6.6	91	0.00
44 TM	Trichloroethene	0.391	0.418	-6.9	106	0.00
45 C	1,2-Dichloropropane	0.384	0.398	-3.6#	103	0.00
46 T	Dibromomethane	0.230	0.237	-3.0	102	0.00
47 T	Bromodichloromethane	0.515	0.570	-10.7	110	0.00
48 T	Methyl methacrylate	0.304	0.290	4.6	89	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	92	0.00
50 S	Toluene-d8	1.119	1.130	-1.0	108	0.00
51 T	4-Methyl-2-Pentanone	0.369	0.356	3.5	91	0.00
52 CM	Toluene	0.885	0.978	-10.5#	108	0.00
53 T	t-1,3-Dichloropropene	0.545	0.594	-9.0	106	0.00
54 T	cis-1,3-Dichloropropene	0.613	0.641	-4.6	103	0.00
55 T	1,1,2-Trichloroethane	0.305	0.323	-5.9	105	0.00
56 T	Ethyl methacrylate	0.423	0.445	-5.2	98	0.00
57 T	1,3-Dichloropropane	0.516	0.550	-6.6	106	0.00
58 T	2-Chloroethyl Vinyl ether	0.158	0.145	8.2	98	0.00
59 T	2-Hexanone	0.269	0.280	-4.1	96	0.00
60 T	Dibromochloromethane	0.370	0.419	-13.2	110	0.00
61 T	1,2-Dibromoethane	0.299	0.314	-5.0	102	0.00
62 S	4-Bromofluorobenzene	0.377	0.413	-9.5	117	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	104	0.00
64 T	Tetrachloroethene	0.380	0.415	-9.2	113	0.00
65 PM	Chlorobenzene	1.089	1.161	-6.6	111	0.00
66 T	1,1,1,2-Tetrachloroethane	0.407	0.457	-12.3	117	0.00
67 C	Ethyl Benzene	1.913	2.102	-9.9#	112	0.00
68 T	m/p-Xylenes	0.727	0.811	-11.6	114	0.00
69 T	o-Xylene	0.688	0.763	-10.9	111	0.00
70 T	Styrene	1.150	1.311	-14.0	115	0.00
71 P	Bromoform	0.285	0.314	-10.2	112	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	114	0.00
73 T	Isopropylbenzene	3.782	3.936	-4.1	115	0.00
74 T	N-amyl acetate	1.346	1.211	10.0	95	0.00
75 P	1,1,2,2-Tetrachloroethane	0.924	0.855	7.5	102	0.00
76 T	1,2,3-Trichloropropane	0.674	0.673	0.1	109	0.00
77 T	Bromobenzene	0.916	0.972	-6.1	117	0.00
78 T	n-propylbenzene	4.658	4.850	-4.1	115	0.00
79 T	2-Chlorotoluene	2.601	2.680	-3.0	114	0.00
80 T	1,3,5-Trimethylbenzene	3.087	3.298	-6.8	117	0.00
81 T	trans-1,4-Dichloro-2-butene	0.330	0.307	7.0	99	0.00
82 T	4-Chlorotoluene	2.711	2.850	-5.1	116	0.00
83 T	tert-Butylbenzene	2.674	2.842	-6.3	116	0.00
84 T	1,2,4-Trimethylbenzene	3.001	3.247	-8.2	117	0.00
85 T	sec-Butylbenzene	4.014	4.228	-5.3	116	0.00
86 T	p-Isopropyltoluene	3.228	3.486	-8.0	119	0.00
87 T	1,3-Dichlorobenzene	1.746	1.861	-6.6	119	0.00
88 T	1,4-Dichlorobenzene	1.764	1.842	-4.4	118	0.00
89 T	n-Butylbenzene	3.150	3.344	-6.2	118	0.00
90 T	Hexachloroethane	0.679	0.695	-2.4	117	0.00
91 T	1,2-Dichlorobenzene	1.577	1.663	-5.5	117	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.163	0.154	5.5	106	0.00
93 T	1,2,4-Trichlorobenzene	0.940	1.048	-11.5	125	0.00
94 T	Hexachlorobutadiene	0.547	0.656	-19.9	139	0.00
95 T	Naphthalene	2.039	2.089	-2.5	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.838	0.935	-11.6	124	0.00

(#) = Out of Range

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