

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013361.D
 Acq On : 20 Apr 2023 10:46
 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: Apr 21 02:13:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 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	93	0.00
2 T	Dichlorodifluoromethane	0.450	0.447	0.7	96	0.00
3 P	Chloromethane	0.564	0.506	10.3	88	0.00
4 C	Vinyl Chloride	0.535	0.511	4.5#	93	0.00
5 T	Bromomethane	0.410	0.341	16.8	84	0.00
6 T	Chloroethane	0.360	0.319	11.4	88	0.00
7 T	Trichlorofluoromethane	0.832	0.893	-7.3	106	0.00
8 T	Diethyl Ether	0.302	0.301	0.3	98	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.492	-0.6	98	0.00
10 T	Methyl Iodide	0.600	0.647	-7.8	97	0.00
11 T	Tert butyl alcohol	0.096	0.049	49.0#	62	0.01
12 CM	1,1-Dichloroethene	0.470	0.465	1.1#	95	0.00
13 T	Acrolein	0.074	0.058	21.6	75	0.00
14 T	Allyl chloride	0.899	0.804	10.6	86	0.00
15 T	Acrylonitrile	0.174	0.158	9.2	84	0.00
16 T	Acetone	0.207	0.196	5.3	86	0.00
17 T	Carbon Disulfide	1.549	1.418	8.5	88	0.00
18 T	Methyl Acetate	0.668	0.591	11.5	81	0.00
19 T	Methyl tert-butyl Ether	1.409	1.431	-1.6	94	0.00
20 T	Methylene Chloride	0.641	0.622	3.0	110	0.00
21 T	trans-1,2-Dichloroethene	0.537	0.541	-0.7	96	0.00
22 T	Diisopropyl ether	1.771	1.595	9.9	84	0.00
23 T	Vinyl Acetate	1.120	0.996	11.1	80	0.01
24 P	1,1-Dichloroethane	0.989	0.946	4.3	93	0.00
25 T	2-Butanone	0.265	0.227	14.3	78	0.00
26 T	2,2-Dichloropropane	0.888	0.831	6.4	93	0.00
27 T	cis-1,2-Dichloroethene	0.584	0.607	-3.9	98	0.01
28 T	Bromochloromethane	0.394	0.338	14.2	81	0.01
29 T	Tetrahydrofuran	0.161	0.132	18.0	72	0.00
30 C	Chloroform	1.001	1.009	-0.8#	99	0.00
31 T	Cyclohexane	0.909	0.716	21.2	78	0.00
32 T	1,1,1-Trichloroethane	0.906	0.892	1.5	97	0.00
33 S	1,2-Dichloroethane-d4	0.601	0.553	8.0	87	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	88	0.00
35 S	Dibromofluoromethane	0.324	0.359	-10.8	100	0.00
36 T	1,1-Dichloropropene	0.490	0.476	2.9	89	0.00
37 T	Ethyl Acetate	0.395	0.331	16.2	72	0.00
38 T	Carbon Tetrachloride	0.542	0.553	-2.0	94	0.00
39 T	Methylcyclohexane	0.570	0.556	2.5	85	0.00
40 TM	Benzene	1.419	1.412	0.5	91	0.00
41 T	Methacrylonitrile	0.164	0.147	10.4	79	0.01
42 TM	1,2-Dichloroethane	0.481	0.481	0.0	91	0.00
43 T	Isopropyl Acetate	0.657	0.559	14.9	74	0.00
44 TM	Trichloroethene	0.366	0.390	-6.6	99	0.00
45 C	1,2-Dichloropropane	0.368	0.354	3.8#	87	0.00
46 T	Dibromomethane	0.222	0.224	-0.9	91	0.00
47 T	Bromodichloromethane	0.507	0.531	-4.7	97	0.00
48 T	Methyl methacrylate	0.302	0.264	12.6	74	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.003	0.0	91	0.00
50 S	Toluene-d8	1.205	1.211	-0.5	88	0.00
51 T	4-Methyl-2-Pentanone	0.357	0.302	15.4	71	0.00
52 CM	Toluene	0.857	0.863	-0.7#	91	0.00
53 T	t-1,3-Dichloropropene	0.531	0.538	-1.3	90	0.00
54 T	cis-1,3-Dichloropropene	0.582	0.606	-4.1	94	0.00
55 T	1,1,2-Trichloroethane	0.292	0.306	-4.8	96	0.00
56 T	Ethyl methacrylate	0.400	0.409	-2.2	85	0.00
57 T	1,3-Dichloropropane	0.497	0.494	0.6	88	0.00
58 T	2-Chloroethyl Vinyl ether	0.167	0.149	10.8	80	0.00
59 T	2-Hexanone	0.260	0.227	12.7	72	0.00
60 T	Dibromochloromethane	0.367	0.399	-8.7	98	0.00
61 T	1,2-Dibromoethane	0.285	0.297	-4.2	92	0.00
62 S	4-Bromofluorobenzene	0.391	0.402	-2.8	89	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	87	0.00
64 T	Tetrachloroethene	0.353	0.382	-8.2	98	0.00
65 PM	Chlorobenzene	1.046	1.075	-2.8	93	0.00
66 T	1,1,1,2-Tetrachloroethane	0.393	0.430	-9.4	98	0.00
67 C	Ethyl Benzene	1.822	1.846	-1.3#	89	0.00
68 T	m/p-Xylenes	0.697	0.732	-5.0	93	0.00
69 T	o-Xylene	0.646	0.692	-7.1	93	0.00
70 T	Styrene	1.090	1.175	-7.8	93	0.00
71 P	Bromoform	0.272	0.305	-12.1	97	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	86	0.00
73 T	Isopropylbenzene	3.430	3.618	-5.5	91	0.00
74 T	N-amyl acetate	1.224	1.043	14.8	71	0.00
75 P	1,1,2,2-Tetrachloroethane	0.847	0.806	4.8	82	0.00
76 T	1,2,3-Trichloropropane	0.623	0.531	14.8	74	0.00
77 T	Bromobenzene	0.858	0.956	-11.4	96	0.00
78 T	n-propylbenzene	4.236	4.289	-1.3	86	0.00
79 T	2-Chlorotoluene	2.384	2.464	-3.4	89	0.00
80 T	1,3,5-Trimethylbenzene	2.873	3.027	-5.4	90	0.00
81 T	trans-1,4-Dichloro-2-butene	0.300	0.288	4.0	81	0.00
82 T	4-Chlorotoluene	2.514	2.562	-1.9	89	0.00
83 T	tert-Butylbenzene	2.465	2.667	-8.2	92	0.00
84 T	1,2,4-Trimethylbenzene	2.796	3.068	-9.7	93	0.00
85 T	sec-Butylbenzene	3.686	3.823	-3.7	89	0.00
86 T	p-Isopropyltoluene	3.025	3.231	-6.8	91	0.00
87 T	1,3-Dichlorobenzene	1.653	1.780	-7.7	96	0.00
88 T	1,4-Dichlorobenzene	1.671	1.770	-5.9	94	0.00
89 T	n-Butylbenzene	2.893	2.909	-0.6	86	0.00
90 T	Hexachloroethane	0.631	0.645	-2.2	92	0.00
91 T	1,2-Dichlorobenzene	1.504	1.608	-6.9	95	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.145	5.8	79	0.00
93 T	1,2,4-Trichlorobenzene	0.894	0.977	-9.3	94	0.00
94 T	Hexachlorobutadiene	0.529	0.596	-12.7	100	0.00
95 T	Naphthalene	1.948	2.046	-5.0	86	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.815	0.879	-7.9	94	0.00

(#) = Out of Range

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