

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041323\
 Data File : VY013308.D
 Acq On : 13 Apr 2023 19:59
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 LabSampleId :
 VSTDCCC050

Quant Time: Apr 14 03:02:18 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	89	0.00
2 T	Dichlorodifluoromethane	0.450	0.466	-3.6	96	0.00
3 P	Chloromethane	0.564	0.525	6.9	87	0.00
4 C	Vinyl Chloride	0.535	0.508	5.0#	88	0.00
5 T	Bromomethane	0.410	0.376	8.3	88	0.00
6 T	Chloroethane	0.360	0.332	7.8	88	0.00
7 T	Trichlorofluoromethane	0.832	0.806	3.1	91	0.00
8 T	Diethyl Ether	0.302	0.323	-7.0	100	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.489	0.496	-1.4	94	0.00
10 T	Methyl Iodide	0.600	0.598	0.3	86	-0.01
11 T	Tert butyl alcohol	0.096	0.063	34.4#	76	0.00
12 CM	1,1-Dichloroethene	0.470	0.482	-2.6#	94	-0.01
13 T	Acrolein	0.074	0.073	1.4	89	0.00
14 T	Allyl chloride	0.899	0.930	-3.4	94	-0.01
15 T	Acrylonitrile	0.174	0.202	-16.1	102	0.00
16 T	Acetone	0.207	0.178	14.0	75	0.00
17 T	Carbon Disulfide	1.549	1.579	-1.9	94	-0.01
18 T	Methyl Acetate	0.668	0.809	-21.1	106	0.00
19 T	Methyl tert-butyl Ether	1.409	1.537	-9.1	96	0.00
20 T	Methylene Chloride	0.641	0.616	3.9	103	-0.01
21 T	trans-1,2-Dichloroethene	0.537	0.552	-2.8	94	0.00
22 T	Diisopropyl ether	1.771	1.895	-7.0	95	0.00
23 T	Vinyl Acetate	1.120	1.248	-11.4	96	0.00
24 P	1,1-Dichloroethane	0.989	1.018	-2.9	95	-0.01
25 T	2-Butanone	0.265	0.278	-4.9	91	0.00
26 T	2,2-Dichloropropane	0.888	0.787	11.4	84	0.00
27 T	cis-1,2-Dichloroethene	0.584	0.621	-6.3	96	0.00
28 T	Bromochloromethane	0.394	0.433	-9.9	98	0.00
29 T	Tetrahydrofuran	0.161	0.203	-26.1#	106	0.00
30 C	Chloroform	1.001	1.043	-4.2#	97	0.00
31 T	Cyclohexane	0.909	0.880	3.2	92	0.00
32 T	1,1,1-Trichloroethane	0.906	0.886	2.2	92	0.00
33 S	1,2-Dichloroethane-d4	0.601	0.603	-0.3	91	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	90	0.00
35 S	Dibromofluoromethane	0.324	0.337	-4.0	97	0.00
36 T	1,1-Dichloropropene	0.490	0.496	-1.2	95	0.00
37 T	Ethyl Acetate	0.395	0.473	-19.7	106	0.00
38 T	Carbon Tetrachloride	0.542	0.532	1.8	93	0.00
39 T	Methylcyclohexane	0.570	0.589	-3.3	93	0.00
40 TM	Benzene	1.419	1.448	-2.0	96	0.00
41 T	Methacrylonitrile	0.164	0.206	-25.6#	114	0.00
42 TM	1,2-Dichloroethane	0.481	0.487	-1.2	95	0.00
43 T	Isopropyl Acetate	0.657	0.717	-9.1	97	0.00
44 TM	Trichloroethene	0.366	0.375	-2.5	97	0.00
45 C	1,2-Dichloropropane	0.368	0.389	-5.7#	98	0.00
46 T	Dibromomethane	0.222	0.238	-7.2	99	0.00
47 T	Bromodichloromethane	0.507	0.526	-3.7	99	0.00
48 T	Methyl methacrylate	0.302	0.348	-15.2	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.003	0.004	-33.3#	115	0.00
50 S	Toluene-d8	1.205	1.238	-2.7	93	0.00
51 T	4-Methyl-2-Pentanone	0.357	0.423	-18.5	103	0.00
52 CM	Toluene	0.857	0.879	-2.6#	95	0.00
53 T	t-1,3-Dichloropropene	0.531	0.548	-3.2	94	0.00
54 T	cis-1,3-Dichloropropene	0.582	0.605	-4.0	96	0.00
55 T	1,1,2-Trichloroethane	0.292	0.316	-8.2	102	0.00
56 T	Ethyl methacrylate	0.400	0.469	-17.2	101	0.00
57 T	1,3-Dichloropropane	0.497	0.540	-8.7	99	0.00
58 T	2-Chloroethyl Vinyl ether	0.167	0.182	-9.0	100	0.00
59 T	2-Hexanone	0.260	0.303	-16.5	99	0.00
60 T	Dibromochloromethane	0.367	0.390	-6.3	99	0.00
61 T	1,2-Dibromoethane	0.285	0.315	-10.5	101	0.00
62 S	4-Bromofluorobenzene	0.391	0.410	-4.9	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	92	0.00
64 T	Tetrachloroethene	0.353	0.375	-6.2	102	0.00
65 PM	Chlorobenzene	1.046	1.049	-0.3	96	0.00
66 T	1,1,1,2-Tetrachloroethane	0.393	0.404	-2.8	97	0.00
67 C	Ethyl Benzene	1.822	1.849	-1.5#	94	0.00
68 T	m/p-Xylenes	0.697	0.715	-2.6	96	0.00
69 T	o-Xylene	0.646	0.677	-4.8	97	0.00
70 T	Styrene	1.090	1.153	-5.8	96	0.00
71 P	Bromoform	0.272	0.299	-9.9	101	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.430	3.405	0.7	95	0.00
74 T	N-amyl acetate	1.224	1.346	-10.0	102	0.00
75 P	1,1,2,2-Tetrachloroethane	0.847	0.891	-5.2	101	0.00
76 T	1,2,3-Trichloropropane	0.623	0.574	7.9	89	0.00
77 T	Bromobenzene	0.858	0.866	-0.9	97	0.00
78 T	n-propylbenzene	4.236	4.189	1.1	94	0.00
79 T	2-Chlorotoluene	2.384	2.368	0.7	95	0.00
80 T	1,3,5-Trimethylbenzene	2.873	2.877	-0.1	95	0.00
81 T	trans-1,4-Dichloro-2-butene	0.300	0.310	-3.3	97	0.00
82 T	4-Chlorotoluene	2.514	2.489	1.0	96	0.00
83 T	tert-Butylbenzene	2.465	2.470	-0.2	95	0.00
84 T	1,2,4-Trimethylbenzene	2.796	2.869	-2.6	96	0.00
85 T	sec-Butylbenzene	3.686	3.658	0.8	95	0.00
86 T	p-Isopropyltoluene	3.025	3.055	-1.0	95	0.00
87 T	1,3-Dichlorobenzene	1.653	1.650	0.2	99	0.00
88 T	1,4-Dichlorobenzene	1.671	1.651	1.2	98	0.00
89 T	n-Butylbenzene	2.893	2.878	0.5	95	0.00
90 T	Hexachloroethane	0.631	0.613	2.9	98	0.00
91 T	1,2-Dichlorobenzene	1.504	1.526	-1.5	100	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.154	0.175	-13.6	107	0.00
93 T	1,2,4-Trichlorobenzene	0.894	0.948	-6.0	101	0.00
94 T	Hexachlorobutadiene	0.529	0.535	-1.1	100	0.00
95 T	Naphthalene	1.948	2.360	-21.1	110	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.815	0.885	-8.6	105	0.00

(#) = Out of Range

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