

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077243.D
 Acq On : 28 Sep 2023 21:30
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 29 08:31:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 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	0.517	0.455	12.0	91	0.00
3 P	Chloromethane	0.955	0.750	21.5	86	0.00
4 C	Vinyl Chloride	1.022	0.860	15.9#	86	0.00
5 T	Bromomethane	0.744	0.707	5.0	109	0.00
6 T	Chloroethane	0.636	0.666	-4.7	115	0.00
7 T	Trichlorofluoromethane	0.923	0.985	-6.7	116	0.00
8 T	Diethyl Ether	0.298	0.312	-4.7	109	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.577	0.595	-3.1	99	0.00
10 T	Methyl Iodide	0.825	0.862	-4.5	99	0.00
11 T	Tert butyl alcohol	0.029	0.031	-6.9	112	0.02
12 CM	1,1-Dichloroethene	0.582	0.586	-0.7#	100	0.00
13 T	Acrolein	0.023	0.010	56.5#	54	0.00
14 T	Allyl chloride	0.710	0.822	-15.8	109	0.00
15 T	Acrylonitrile	0.125	0.148	-18.4	118	0.00
16 T	Acetone	0.115	0.114	0.9	90	0.00
17 T	Carbon Disulfide	1.915	1.881	1.8	97	0.00
18 T	Methyl Acetate	0.436	0.528	-21.1	121	0.00
19 T	Methyl tert-butyl Ether	1.259	1.396	-10.9	108	0.01
20 T	Methylene Chloride	0.946	0.798	15.6	105	0.00
21 T	trans-1,2-Dichloroethene	0.703	0.735	-4.6	102	0.00
22 T	Diisopropyl ether	1.604	1.875	-16.9	112	0.00
23 T	Vinyl Acetate	0.641	0.879	-37.1#	133	0.00
24 P	1,1-Dichloroethane	1.152	1.236	-7.3	108	0.00
25 T	2-Butanone	0.152	0.166	-9.2	106	0.00
26 T	2,2-Dichloropropane	0.977	0.987	-1.0	100	0.00
27 T	cis-1,2-Dichloroethene	0.790	0.835	-5.7	104	0.00
28 T	Bromochloromethane	0.354	0.413	-16.7	113	0.00
29 T	Tetrahydrofuran	0.089	0.105	-18.0	117	0.00
30 C	Chloroform	1.241	1.315	-6.0#	104	0.00
31 T	Cyclohexane	0.883	0.954	-8.0	105	0.00
32 T	1,1,1-Trichloroethane	1.036	1.084	-4.6	102	0.00
33 S	1,2-Dichloroethane-d4	0.505	0.500	1.0	95	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	97	0.00
35 S	Dibromofluoromethane	0.347	0.337	2.9	91	0.00
36 T	1,1-Dichloropropene	0.523	0.550	-5.2	104	0.00
37 T	Ethyl Acetate	0.201	0.219	-9.0	115	0.00
38 T	Carbon Tetrachloride	0.514	0.511	0.6	97	0.00
39 T	Methylcyclohexane	0.602	0.629	-4.5	98	0.00
40 TM	Benzene	1.618	1.688	-4.3	104	0.00
41 T	Methacrylonitrile	0.107	0.103	3.7	100	0.00
42 TM	1,2-Dichloroethane	0.401	0.417	-4.0	105	0.00
43 T	Isopropyl Acetate	0.369	0.410	-11.1	114	0.00
44 TM	Trichloroethene	0.448	0.438	2.2	101	0.00
45 C	1,2-Dichloropropane	0.393	0.422	-7.4#	109	0.00
46 T	Dibromomethane	0.228	0.237	-3.9	106	0.00
47 T	Bromodichloromethane	0.552	0.568	-2.9	105	0.00
48 T	Methyl methacrylate	0.168	0.195	-16.1	115	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	118	0.00
50 S	Toluene-d8	1.236	1.220	1.3	90	0.00
51 T	4-Methyl-2-Pentanone	0.193	0.218	-13.0	117	0.00
52 CM	Toluene	1.035	1.078	-4.2#	103	0.00
53 T	t-1,3-Dichloropropene	0.516	0.543	-5.2	106	0.00
54 T	cis-1,3-Dichloropropene	0.618	0.648	-4.9	105	0.00
55 T	1,1,2-Trichloroethane	0.311	0.324	-4.2	106	0.00
56 T	Ethyl methacrylate	0.334	0.381	-14.1	112	0.00
57 T	1,3-Dichloropropane	0.503	0.533	-6.0	107	0.00
58 T	2-Chloroethyl Vinyl ether	0.139	0.205	-47.5#	113	0.00
59 T	2-Hexanone	0.139	0.151	-8.6	111	0.00
60 T	Dibromochloromethane	0.380	0.380	0.0	100	0.00
61 T	1,2-Dibromoethane	0.300	0.308	-2.7	107	0.00
62 S	4-Bromofluorobenzene	0.383	0.381	0.5	93	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	98	0.00
64 T	Tetrachloroethene	0.389	0.384	1.3	98	0.00
65 PM	Chlorobenzene	1.176	1.163	1.1	102	0.00
66 T	1,1,1,2-Tetrachloroethane	0.430	0.420	2.3	100	0.00
67 C	Ethyl Benzene	2.022	2.106	-4.2#	103	0.00
68 T	m/p-Xylenes	0.809	0.828	-2.3	99	0.00
69 T	o-Xylene	0.743	0.759	-2.2	100	0.00
70 T	Styrene	1.266	1.354	-7.0	103	0.00
71 P	Bromoform	0.239	0.230	3.8	99	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	97	0.00
73 T	Isopropylbenzene	3.695	3.898	-5.5	102	0.00
74 T	N-amyl acetate	0.694	0.768	-10.7	111	0.00
75 P	1,1,2,2-Tetrachloroethane	0.697	0.736	-5.6	112	0.00
76 T	1,2,3-Trichloropropane	0.399	0.874	-119.0#	232#	0.00
77 T	Bromobenzene	0.920	0.887	3.6	96	0.00
78 T	n-propylbenzene	4.516	4.819	-6.7	103	0.00
79 T	2-Chlorotoluene	2.490	2.596	-4.3	103	0.00
80 T	1,3,5-Trimethylbenzene	3.085	3.261	-5.7	101	0.00
81 T	trans-1,4-Dichloro-2-butene	0.211	0.234	-10.9	114	0.00
82 T	4-Chlorotoluene	2.617	2.719	-3.9	100	0.00
83 T	tert-Butylbenzene	2.636	2.782	-5.5	100	0.00
84 T	1,2,4-Trimethylbenzene	3.129	3.250	-3.9	100	0.00
85 T	sec-Butylbenzene	3.956	4.128	-4.3	99	0.00
86 T	p-Isopropyltoluene	3.356	3.487	-3.9	98	0.00
87 T	1,3-Dichlorobenzene	1.892	1.830	3.3	96	0.00
88 T	1,4-Dichlorobenzene	1.861	1.785	4.1	97	0.00
89 T	n-Butylbenzene	3.096	3.265	-5.5	101	0.00
90 T	Hexachloroethane	0.666	0.653	2.0	99	0.00
91 T	1,2-Dichlorobenzene	1.622	1.596	1.6	99	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.098	-5.4	108	0.00
93 T	1,2,4-Trichlorobenzene	1.001	0.973	2.8	96	0.00
94 T	Hexachlorobutadiene	0.530	0.484	8.7	90	0.00
95 T	Naphthalene	1.835	1.892	-3.1	103	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.890	0.859	3.5	94	0.00

(#) = Out of Range

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