

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077141.D
 Acq On : 18 Sep 2023 20:31
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 19 05:00:48 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	147	0.00
2 T	Dichlorodifluoromethane	0.517	0.489	5.4	156#	0.00
3 P	Chloromethane	0.955	0.725	24.1	132	0.00
4 C	Vinyl Chloride	1.022	0.887	13.2#	140	0.00
5 T	Bromomethane	0.744	0.724	2.7	176#	0.00
6 T	Chloroethane	0.636	0.648	-1.9	178#	0.00
7 T	Trichlorofluoromethane	0.923	1.091	-18.2	203#	0.00
8 T	Diethyl Ether	0.298	0.325	-9.1	180#	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.577	0.581	-0.7	153#	0.00
10 T	Methyl Iodide	0.825	0.932	-13.0	170#	0.00
11 T	Tert butyl alcohol	0.029	0.032	-10.3	184#	0.00
12 CM	1,1-Dichloroethene	0.582	0.603	-3.6#	162#	0.00
13 T	Acrolein	0.023	0.019	17.4	157#	0.00
14 T	Allyl chloride	0.710	0.768	-8.2	162#	0.00
15 T	Acrylonitrile	0.125	0.135	-8.0	171#	0.01
16 T	Acetone	0.115	0.115	0.0	145	0.00
17 T	Carbon Disulfide	1.915	1.884	1.6	155#	0.00
18 T	Methyl Acetate	0.436	0.467	-7.1	170#	0.00
19 T	Methyl tert-butyl Ether	1.259	1.444	-14.7	178#	0.00
20 T	Methylene Chloride	0.946	0.837	11.5	174#	0.00
21 T	trans-1,2-Dichloroethene	0.703	0.725	-3.1	159#	0.00
22 T	Diisopropyl ether	1.604	1.759	-9.7	166#	0.00
23 T	Vinyl Acetate	0.641	0.699	-9.0	168#	0.00
24 P	1,1-Dichloroethane	1.152	1.181	-2.5	164#	0.00
25 T	2-Butanone	0.152	0.162	-6.6	164#	0.00
26 T	2,2-Dichloropropane	0.977	0.964	1.3	155#	0.00
27 T	cis-1,2-Dichloroethene	0.790	0.833	-5.4	165#	0.00
28 T	Bromochloromethane	0.354	0.330	6.8	143	0.00
29 T	Tetrahydrofuran	0.089	0.097	-9.0	173#	0.00
30 C	Chloroform	1.241	1.286	-3.6#	162#	0.00
31 T	Cyclohexane	0.883	0.900	-1.9	157#	0.00
32 T	1,1,1-Trichloroethane	1.036	1.081	-4.3	161#	0.00
33 S	1,2-Dichloroethane-d4	0.505	0.499	1.2	151#	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	153#	0.00
35 S	Dibromofluoromethane	0.347	0.336	3.2	143	0.00
36 T	1,1-Dichloropropene	0.523	0.538	-2.9	160#	0.00
37 T	Ethyl Acetate	0.201	0.221	-10.0	181#	0.00
38 T	Carbon Tetrachloride	0.514	0.498	3.1	148	0.00
39 T	Methylcyclohexane	0.602	0.636	-5.6	155#	0.00
40 TM	Benzene	1.618	1.652	-2.1	160#	0.00
41 T	Methacrylonitrile	0.107	0.116	-8.4	177#	0.00
42 TM	1,2-Dichloroethane	0.401	0.413	-3.0	164#	0.00
43 T	Isopropyl Acetate	0.369	0.396	-7.3	173#	0.00
44 TM	Trichloroethene	0.448	0.460	-2.7	166#	0.00
45 C	1,2-Dichloropropane	0.393	0.402	-2.3#	163#	0.00
46 T	Dibromomethane	0.228	0.234	-2.6	164#	0.00
47 T	Bromodichloromethane	0.552	0.566	-2.5	165#	0.00
48 T	Methyl methacrylate	0.168	0.191	-13.7	177#	0.00

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 Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	174#	0.00
50 S	Toluene-d8	1.236	1.238	-0.2	143	0.00
51 T	4-Methyl-2-Pentanone	0.193	0.208	-7.8	174#	0.00
52 CM	Toluene	1.035	1.070	-3.4#	160#	0.00
53 T	t-1,3-Dichloropropene	0.516	0.538	-4.3	165#	0.00
54 T	cis-1,3-Dichloropropene	0.618	0.646	-4.5	164#	0.00
55 T	1,1,2-Trichloroethane	0.311	0.317	-1.9	163#	0.00
56 T	Ethyl methacrylate	0.334	0.385	-15.3	177#	0.00
57 T	1,3-Dichloropropane	0.503	0.527	-4.8	165#	0.00
58 T	2-Chloroethyl Vinyl ether	0.139	0.159	-14.4	138	0.00
59 T	2-Hexanone	0.139	0.147	-5.8	170#	0.00
60 T	Dibromochloromethane	0.380	0.384	-1.1	158#	0.00
61 T	1,2-Dibromoethane	0.300	0.306	-2.0	166#	0.00
62 S	4-Bromofluorobenzene	0.383	0.389	-1.6	149	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	149	0.00
64 T	Tetrachloroethene	0.389	0.429	-10.3	167#	0.00
65 PM	Chlorobenzene	1.176	1.228	-4.4	163#	0.00
66 T	1,1,1,2-Tetrachloroethane	0.430	0.440	-2.3	159#	0.00
67 C	Ethyl Benzene	2.022	2.154	-6.5#	160#	0.00
68 T	m/p-Xylenes	0.809	0.856	-5.8	156#	0.00
69 T	o-Xylene	0.743	0.797	-7.3	160#	0.00
70 T	Styrene	1.266	1.420	-12.2	164#	0.00
71 P	Bromoform	0.239	0.244	-2.1	159#	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	141	0.00
73 T	Isopropylbenzene	3.695	4.202	-13.7	161#	0.00
74 T	N-amyl acetate	0.694	0.815	-17.4	171#	0.00
75 P	1,1,2,2-Tetrachloroethane	0.697	0.751	-7.7	167#	0.00
76 T	1,2,3-Trichloropropane	0.399	0.395	1.0	153#	0.00
77 T	Bromobenzene	0.920	1.060	-15.2	168#	0.00
78 T	n-propylbenzene	4.516	5.051	-11.8	158#	0.00
79 T	2-Chlorotoluene	2.490	2.767	-11.1	160#	0.00
80 T	1,3,5-Trimethylbenzene	3.085	3.456	-12.0	157#	0.00
81 T	trans-1,4-Dichloro-2-butene	0.211	0.239	-13.3	170#	0.00
82 T	4-Chlorotoluene	2.617	2.889	-10.4	155#	0.00
83 T	tert-Butylbenzene	2.636	2.967	-12.6	156#	0.00
84 T	1,2,4-Trimethylbenzene	3.129	3.470	-10.9	156#	0.00
85 T	sec-Butylbenzene	3.956	4.393	-11.0	154#	0.00
86 T	p-Isopropyltoluene	3.356	3.707	-10.5	153#	0.00
87 T	1,3-Dichlorobenzene	1.892	1.958	-3.5	150	0.00
88 T	1,4-Dichlorobenzene	1.861	1.916	-3.0	151#	0.00
89 T	n-Butylbenzene	3.096	3.367	-8.8	152#	0.00
90 T	Hexachloroethane	0.666	0.655	1.7	145	0.00
91 T	1,2-Dichlorobenzene	1.622	1.691	-4.3	153#	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.111	-19.4	179#	0.00
93 T	1,2,4-Trichlorobenzene	1.001	1.101	-10.0	159#	0.00
94 T	Hexachlorobutadiene	0.530	0.545	-2.8	147	0.00
95 T	Naphthalene	1.835	2.154	-17.4	170#	0.00

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Max. RRF Dev : 25% Max. Rel. Area : 150%

	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.890	0.964	-8.3	154#	0.00

(#) = Out of Range

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