

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091923\
 Data File : VD077143.D
 Acq On : 19 Sep 2023 10:33
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 20 04:58:17 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	118	0.00
2 T	Dichlorodifluoromethane	0.517	0.482	6.8	123	0.00
3 P	Chloromethane	0.955	0.862	9.7	125	0.00
4 C	Vinyl Chloride	1.022	1.076	-5.3#	136	0.00
5 T	Bromomethane	0.744	0.786	-5.6	154#	0.00
6 T	Chloroethane	0.636	0.642	-0.9	142	0.00
7 T	Trichlorofluoromethane	0.923	1.035	-12.1	155#	0.00
8 T	Diethyl Ether	0.298	0.266	10.7	118	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.577	0.570	1.2	120	0.00
10 T	Methyl Iodide	0.825	0.774	6.2	113	0.00
11 T	Tert butyl alcohol	0.029	0.027	6.9	123	0.00
12 CM	1,1-Dichloroethene	0.582	0.559	4.0#	121	0.00
13 T	Acrolein	0.023	0.018	21.7	122	0.00
14 T	Allyl chloride	0.710	0.671	5.5	113	0.00
15 T	Acrylonitrile	0.125	0.109	12.8	111	0.00
16 T	Acetone	0.115	0.116	-0.9	116	0.00
17 T	Carbon Disulfide	1.915	1.741	9.1	115	0.00
18 T	Methyl Acetate	0.436	0.386	11.5	113	0.00
19 T	Methyl tert-butyl Ether	1.259	1.193	5.2	118	0.00
20 T	Methylene Chloride	0.946	0.730	22.8	122	0.00
21 T	trans-1,2-Dichloroethene	0.703	0.660	6.1	116	0.00
22 T	Diisopropyl ether	1.604	1.495	6.8	113	0.00
23 T	Vinyl Acetate	0.641	0.599	6.6	115	0.00
24 P	1,1-Dichloroethane	1.152	1.057	8.2	118	0.00
25 T	2-Butanone	0.152	0.144	5.3	117	0.00
26 T	2,2-Dichloropropane	0.977	0.989	-1.2	128	0.00
27 T	cis-1,2-Dichloroethene	0.790	0.738	6.6	117	0.00
28 T	Bromochloromethane	0.354	0.297	16.1	103	0.00
29 T	Tetrahydrofuran	0.089	0.078	12.4	111	0.00
30 C	Chloroform	1.241	1.146	7.7#	116	0.00
31 T	Cyclohexane	0.883	0.823	6.8	115	0.00
32 T	1,1,1-Trichloroethane	1.036	1.029	0.7	123	0.00
33 S	1,2-Dichloroethane-d4	0.505	0.451	10.7	109	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	116	0.00
35 S	Dibromofluoromethane	0.347	0.314	9.5	101	0.00
36 T	1,1-Dichloropropene	0.523	0.530	-1.3	120	0.00
37 T	Ethyl Acetate	0.201	0.183	9.0	114	0.00
38 T	Carbon Tetrachloride	0.514	0.542	-5.4	123	0.00
39 T	Methylcyclohexane	0.602	0.615	-2.2	114	0.00
40 TM	Benzene	1.618	1.570	3.0	116	0.00
41 T	Methacrylonitrile	0.107	0.093	13.1	108	0.00
42 TM	1,2-Dichloroethane	0.401	0.390	2.7	118	0.00
43 T	Isopropyl Acetate	0.369	0.348	5.7	116	0.00
44 TM	Trichloroethene	0.448	0.432	3.6	118	0.00
45 C	1,2-Dichloropropane	0.393	0.367	6.6#	113	0.00
46 T	Dibromomethane	0.228	0.216	5.3	116	0.00
47 T	Bromodichloromethane	0.552	0.534	3.3	118	0.00
48 T	Methyl methacrylate	0.168	0.161	4.2	113	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	120	0.00
50 S	Toluene-d8	1.236	1.152	6.8	101	0.00
51 T	4-Methyl-2-Pentanone	0.193	0.179	7.3	114	0.00
52 CM	Toluene	1.035	1.022	1.3#	117	0.00
53 T	t-1,3-Dichloropropene	0.516	0.493	4.5	115	0.00
54 T	cis-1,3-Dichloropropene	0.618	0.656	-6.1	127	0.00
55 T	1,1,2-Trichloroethane	0.311	0.284	8.7	111	0.00
56 T	Ethyl methacrylate	0.334	0.324	3.0	113	0.00
57 T	1,3-Dichloropropane	0.503	0.476	5.4	114	0.00
58 T	2-Chloroethyl Vinyl ether	0.139	0.131	5.8	86	0.00
59 T	2-Hexanone	0.139	0.132	5.0	116	0.00
60 T	Dibromochloromethane	0.380	0.362	4.7	114	0.00
61 T	1,2-Dibromoethane	0.300	0.279	7.0	116	0.00
62 S	4-Bromofluorobenzene	0.383	0.353	7.8	103	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	113	0.00
64 T	Tetrachloroethene	0.389	0.399	-2.6	118	0.00
65 PM	Chlorobenzene	1.176	1.165	0.9	117	0.00
66 T	1,1,1,2-Tetrachloroethane	0.430	0.431	-0.2	118	0.00
67 C	Ethyl Benzene	2.022	2.067	-2.2#	116	0.00
68 T	m/p-Xylenes	0.809	0.828	-2.3	114	0.00
69 T	o-Xylene	0.743	0.751	-1.1	114	0.00
70 T	Styrene	1.266	1.319	-4.2	115	0.00
71 P	Bromoform	0.239	0.232	2.9	115	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	109	0.00
73 T	Isopropylbenzene	3.695	3.911	-5.8	115	0.00
74 T	N-amyl acetate	0.694	0.665	4.2	108	0.00
75 P	1,1,2,2-Tetrachloroethane	0.697	0.662	5.0	113	0.00
76 T	1,2,3-Trichloropropane	0.399	0.455	-14.0	136	0.00
77 T	Bromobenzene	0.920	0.937	-1.8	114	0.00
78 T	n-propylbenzene	4.516	4.760	-5.4	115	0.00
79 T	2-Chlorotoluene	2.490	2.585	-3.8	115	0.00
80 T	1,3,5-Trimethylbenzene	3.085	3.252	-5.4	114	0.00
81 T	trans-1,4-Dichloro-2-butene	0.211	0.217	-2.8	119	0.00
82 T	4-Chlorotoluene	2.617	2.702	-3.2	111	0.00
83 T	tert-Butylbenzene	2.636	2.769	-5.0	112	0.00
84 T	1,2,4-Trimethylbenzene	3.129	3.261	-4.2	113	0.00
85 T	sec-Butylbenzene	3.956	4.093	-3.5	110	0.00
86 T	p-Isopropyltoluene	3.356	3.524	-5.0	112	0.00
87 T	1,3-Dichlorobenzene	1.892	1.841	2.7	109	0.00
88 T	1,4-Dichlorobenzene	1.861	1.818	2.3	111	0.00
89 T	n-Butylbenzene	3.096	3.171	-2.4	110	0.00
90 T	Hexachloroethane	0.666	0.648	2.7	111	0.00
91 T	1,2-Dichlorobenzene	1.622	1.582	2.5	111	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.093	0.095	-2.2	117	0.00
93 T	1,2,4-Trichlorobenzene	1.001	0.965	3.6	107	0.00
94 T	Hexachlorobutadiene	0.530	0.478	9.8	100	0.00
95 T	Naphthalene	1.835	1.787	2.6	109	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.890	0.847	4.8	104	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 6