

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076573.D
 Acq On : 23 Jun 2023 22:33
 Operator : KP/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleID :
 VSTDCCC050

Quant Time: Jun 24 01:03:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 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	75	0.00
2 T	Dichlorodifluoromethane	0.380	0.374	1.6	82	0.00
3 P	Chloromethane	0.790	0.716	9.4	72	0.00
4 C	Vinyl Chloride	0.881	0.822	6.7#	73	0.00
5 T	Bromomethane	0.573	0.489	14.7	71	0.00
6 T	Chloroethane	0.604	0.589	2.5	77	0.00
7 T	Trichlorofluoromethane	0.725	0.808	-11.4	94	0.00
8 T	Diethyl Ether	0.273	0.275	-0.7	75	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.467	0.483	-3.4	85	0.00
10 T	Methyl Iodide	0.554	0.601	-8.5	79	0.00
11 T	Tert butyl alcohol	0.043	0.041	4.7	75	0.00
12 CM	1,1-Dichloroethene	0.458	0.458	0.0	79	0.00
13 T	Acrolein	0.047	0.035	25.5#	59	0.00
14 T	Allyl chloride	0.837	0.772	7.8	71	0.00
15 T	Acrylonitrile	0.140	0.144	-2.9	74	0.00
16 T	Acetone	0.119	0.106	10.9	62	0.00
17 T	Carbon Disulfide	1.250	1.122	10.2	70	0.00
18 T	Methyl Acetate	0.549	0.541	1.5	72	0.00
19 T	Methyl tert-butyl Ether	1.251	1.324	-5.8	77	0.00
20 T	Methylene Chloride	0.884	0.694	21.5	73	0.00
21 T	trans-1,2-Dichloroethene	0.529	0.534	-0.9	77	0.00
22 T	Diisopropyl ether	1.809	1.757	2.9	71	0.00
23 T	Vinyl Acetate	0.897	0.873	2.7	69	0.00
24 P	1,1-Dichloroethane	1.010	1.049	-3.9	78	0.00
25 T	2-Butanone	0.184	0.172	6.5	67	0.00
26 T	2,2-Dichloropropane	0.871	0.790	9.3	71	0.00
27 T	cis-1,2-Dichloroethene	0.640	0.659	-3.0	76	0.00
28 T	Bromochloromethane	0.322	0.280	13.0	70	0.00
29 T	Tetrahydrofuran	0.118	0.116	1.7	71	0.00
30 C	Chloroform	1.000	1.080	-8.0#	81	0.00
31 T	Cyclohexane	0.840	0.720	14.3	74	0.00
32 T	1,1,1-Trichloroethane	0.809	0.900	-11.2	87	0.00
33 S	1,2-Dichloroethane-d4	0.501	0.523	-4.4	78	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	73	0.00
35 S	Dibromofluoromethane	0.297	0.317	-6.7	79	0.00
36 T	1,1-Dichloropropene	0.416	0.418	-0.5	79	0.00
37 T	Ethyl Acetate	0.241	0.237	1.7	74	0.00
38 T	Carbon Tetrachloride	0.372	0.425	-14.2	88	0.00
39 T	Methylcyclohexane	0.488	0.469	3.9	77	0.00
40 TM	Benzene	1.268	1.274	-0.5	75	0.00
41 T	Methacrylonitrile	0.136	0.137	-0.7	71	0.00
42 TM	1,2-Dichloroethane	0.343	0.395	-15.2	82	0.00
43 T	Isopropyl Acetate	0.456	0.449	1.5	72	0.00
44 TM	Trichloroethene	0.342	0.348	-1.8	78	0.00
45 C	1,2-Dichloropropane	0.344	0.350	-1.7#	75	0.00
46 T	Dibromomethane	0.184	0.195	-6.0	76	0.00
47 T	Bromodichloromethane	0.441	0.490	-11.1	82	0.00
48 T	Methyl methacrylate	0.209	0.204	2.4	69	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	87	0.00
50 S	Toluene-d8	1.126	1.099	2.4	72	0.00
51 T	4-Methyl-2-Pentanone	0.233	0.243	-4.3	74	0.00
52 CM	Toluene	0.796	0.841	-5.7#	79	0.00
53 T	t-1,3-Dichloropropene	0.447	0.469	-4.9	74	0.00
54 T	cis-1,3-Dichloropropene	0.530	0.533	-0.6	74	0.00
55 T	1,1,2-Trichloroethane	0.258	0.265	-2.7	76	0.00
56 T	Ethyl methacrylate	0.337	0.360	-6.8	76	0.00
57 T	1,3-Dichloropropane	0.441	0.464	-5.2	77	0.00
58 T	2-Chloroethyl Vinyl ether	0.143	0.138	3.5	73	0.00
59 T	2-Hexanone	0.162	0.160	1.2	69	0.00
60 T	Dibromochloromethane	0.300	0.346	-15.3	83	0.00
61 T	1,2-Dibromoethane	0.242	0.254	-5.0	77	0.00
62 S	4-Bromofluorobenzene	0.366	0.381	-4.1	77	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	76	0.00
64 T	Tetrachloroethene	0.300	0.310	-3.3	82	0.00
65 PM	Chlorobenzene	0.950	0.979	-3.1	78	0.00
66 T	1,1,1,2-Tetrachloroethane	0.340	0.373	-9.7	83	0.00
67 C	Ethyl Benzene	1.683	1.741	-3.4#	81	0.00
68 T	m/p-Xylenes	0.657	0.662	-0.8	79	0.00
69 T	o-Xylene	0.625	0.641	-2.6	79	0.00
70 T	Styrene	1.080	1.110	-2.8	80	0.00
71 P	Bromoform	0.204	0.229	-12.3	82	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	77	0.00
73 T	Isopropylbenzene	3.366	3.368	-0.1	82	0.00
74 T	N-amyl acetate	0.986	0.884	10.3	69	0.00
75 P	1,1,2,2-Tetrachloroethane	0.695	0.712	-2.4	78	0.00
76 T	1,2,3-Trichloropropane	0.496	0.488	1.6	82	0.00
77 T	Bromobenzene	0.831	0.823	1.0	80	0.00
78 T	n-propylbenzene	4.157	4.074	2.0	81	0.00
79 T	2-Chlorotoluene	2.283	2.273	0.4	81	0.00
80 T	1,3,5-Trimethylbenzene	2.749	2.766	-0.6	82	0.00
81 T	trans-1,4-Dichloro-2-butene	0.226	0.192	15.0	64	0.00
82 T	4-Chlorotoluene	2.370	2.404	-1.4	82	0.00
83 T	tert-Butylbenzene	2.443	2.474	-1.3	84	0.00
84 T	1,2,4-Trimethylbenzene	2.770	2.859	-3.2	83	0.00
85 T	sec-Butylbenzene	3.625	3.648	-0.6	83	0.00
86 T	p-Isopropyltoluene	3.029	2.989	1.3	81	0.00
87 T	1,3-Dichlorobenzene	1.631	1.614	1.0	79	0.00
88 T	1,4-Dichlorobenzene	1.627	1.594	2.0	80	0.00
89 T	n-Butylbenzene	2.954	2.886	2.3	81	0.00
90 T	Hexachloroethane	0.559	0.536	4.1	78	0.00
91 T	1,2-Dichlorobenzene	1.426	1.425	0.1	80	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.105	0.110	-4.8	83	0.00
93 T	1,2,4-Trichlorobenzene	0.950	0.893	6.0	76	0.00
94 T	Hexachlorobutadiene	0.462	0.468	-1.3	85	0.00
95 T	Naphthalene	1.900	1.907	-0.4	78	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.828	0.796	3.9	76	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 5