

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091522\
 Data File : VD074321.D
 Acq On : 15 Sep 2022 21:15
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Sep 16 05:56:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090922S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 10 04:45:19 2022
 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	62	0.00
2 T	Dichlorodifluoromethane	0.434	0.360	17.1	61	0.00
3 P	Chloromethane	0.374	0.366	2.1	71	0.00
4 C	Vinyl Chloride	0.318	0.376	-18.2#	79	0.00
5 T	Bromomethane	0.168	0.202	-20.2	83	0.00
6 T	Chloroethane	0.190	0.229	-20.5	86	0.00
7 T	Trichlorofluoromethane	0.886	0.840	5.2	65	0.00
8 T	Diethyl Ether	0.286	0.281	1.7	65	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.570	0.541	5.1	64	0.01
10 T	Methyl Iodide	0.679	0.667	1.8	62	0.00
11 T	Tert butyl alcohol	0.042	0.036	14.3	60	0.00
12 CM	1,1-Dichloroethene	0.550	0.512	6.9#	63	0.00
13 T	Acrolein	0.044	0.036	18.2	52	0.00
14 T	Allyl chloride	0.854	0.807	5.5	64	0.00
15 T	Acrylonitrile	0.133	0.145	-9.0	69	0.00
16 T	Acetone	0.105	0.101	3.8	54	0.00
17 T	Carbon Disulfide	1.587	1.311	17.4	57	0.00
18 T	Methyl Acetate	0.352	0.349	0.9	69	0.00
19 T	Methyl tert-butyl Ether	1.333	1.365	-2.4	67	0.00
20 T	Methylene Chloride	0.814	0.859	-5.5	87	0.00
21 T	trans-1,2-Dichloroethene	0.621	0.603	2.9	65	0.00
22 T	Diisopropyl ether	1.812	1.896	-4.6	68	0.00
23 T	Vinyl Acetate	0.856	0.890	-4.0	64	0.00
24 P	1,1-Dichloroethane	1.119	1.152	-2.9	67	0.00
25 T	2-Butanone	0.175	0.171	2.3	62	0.01
26 T	2,2-Dichloropropane	0.978	0.893	8.7	61	0.00
27 T	cis-1,2-Dichloroethene	0.709	0.712	-0.4	67	0.00
28 T	Bromochloromethane	0.344	0.358	-4.1	62	0.00
29 T	Tetrahydrofuran	0.108	0.113	-4.6	67	0.00
30 C	Chloroform	1.111	1.145	-3.1#	68	0.00
31 T	Cyclohexane	1.053	0.909	13.7	61	0.00
32 T	1,1,1-Trichloroethane	0.975	0.969	0.6	65	0.00
33 S	1,2-Dichloroethane-d4	0.510	0.510	0.0	63	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	65	0.00
35 S	Dibromofluoromethane	0.364	0.321	11.8	63	0.00
36 T	1,1-Dichloropropene	0.541	0.498	7.9	64	0.00
37 T	Ethyl Acetate	0.235	0.238	-1.3	69	0.00
38 T	Carbon Tetrachloride	0.490	0.471	3.9	64	0.01
39 T	Methylcyclohexane	0.670	0.578	13.7	60	0.00
40 TM	Benzene	1.498	1.507	-0.6	69	0.00
41 T	Methacrylonitrile	0.131	0.114	13.0	52	0.00
42 TM	1,2-Dichloroethane	0.396	0.408	-3.0	70	0.00
43 T	Isopropyl Acetate	0.453	0.433	4.4	64	0.00
44 TM	Trichloroethene	0.416	0.386	7.2	63	0.00
45 C	1,2-Dichloropropane	0.389	0.395	-1.5#	69	0.00
46 T	Dibromomethane	0.202	0.207	-2.5	69	0.00
47 T	Bromodichloromethane	0.508	0.526	-3.5	70	0.00
48 T	Methyl methacrylate	0.214	0.202	5.6	63	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.003	-50.0#	65	0.00
50 S	Toluene-d8	1.226	1.207	1.5	61	0.00
51 T	4-Methyl-2-Pentanone	0.229	0.239	-4.4	68	0.00
52 CM	Toluene	0.961	0.926	3.6#	65	0.00
53 T	t-1,3-Dichloropropene	0.479	0.470	1.9	64	0.00
54 T	cis-1,3-Dichloropropene	0.591	0.578	2.2	66	0.00
55 T	1,1,2-Trichloroethane	0.279	0.299	-7.2	71	0.00
56 T	Ethyl methacrylate	0.371	0.381	-2.7	66	0.00
57 T	1,3-Dichloropropane	0.493	0.501	-1.6	68	0.00
58 T	2-Chloroethyl Vinyl ether	0.077	0.048	37.7#	53	0.00
59 T	2-Hexanone	0.156	0.160	-2.6	65	0.00
60 T	Dibromochloromethane	0.340	0.346	-1.8	68	0.00
61 T	1,2-Dibromoethane	0.266	0.271	-1.9	68	0.00
62 S	4-Bromofluorobenzene	0.507	0.389	23.3	62	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	66	0.01
64 T	Tetrachloroethene	0.382	0.334	12.6	63	0.00
65 PM	Chlorobenzene	1.124	1.088	3.2	67	0.00
66 T	1,1,1,2-Tetrachloroethane	0.403	0.404	-0.2	69	0.00
67 C	Ethyl Benzene	2.100	2.007	4.4#	66	0.01
68 T	m/p-Xylenes	0.797	0.761	4.5	66	0.00
69 T	o-Xylene	0.753	0.737	2.1	67	0.00
70 T	Styrene	1.256	1.258	-0.2	68	0.00
71 P	Bromoform	0.224	0.225	-0.4	67	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	68	0.01
73 T	Isopropylbenzene	4.230	3.991	5.7	67	0.01
74 T	N-amyl acetate	0.996	0.935	6.1	65	0.01
75 P	1,1,2,2-Tetrachloroethane	0.770	0.772	-0.3	70	0.01
76 T	1,2,3-Trichloropropane	0.513	0.571	-11.3	72	0.00
77 T	Bromobenzene	0.928	0.897	3.3	70	0.00
78 T	n-propylbenzene	5.187	4.845	6.6	67	0.01
79 T	2-Chlorotoluene	2.806	2.602	7.3	66	0.00
80 T	1,3,5-Trimethylbenzene	3.505	3.230	7.8	67	0.00
81 T	trans-1,4-Dichloro-2-butene	0.208	0.185	11.1	62	0.01
82 T	4-Chlorotoluene	2.857	2.691	5.8	68	0.01
83 T	tert-Butylbenzene	3.068	2.879	6.2	68	0.00
84 T	1,2,4-Trimethylbenzene	3.403	3.199	6.0	67	0.01
85 T	sec-Butylbenzene	4.647	4.309	7.3	67	0.00
86 T	p-Isopropyltoluene	3.796	3.539	6.8	66	0.01
87 T	1,3-Dichlorobenzene	1.893	1.763	6.9	67	0.01
88 T	1,4-Dichlorobenzene	1.862	1.760	5.5	68	0.00
89 T	n-Butylbenzene	3.709	3.427	7.6	66	0.00
90 T	Hexachloroethane	0.694	0.690	0.6	71	0.01
91 T	1,2-Dichlorobenzene	1.647	1.550	5.9	67	0.01
92 T	1,2-Dibromo-3-Chloropropane	0.108	0.108	0.0	68	0.00
93 T	1,2,4-Trichlorobenzene	1.138	1.019	10.5	66	0.01
94 T	Hexachlorobutadiene	0.650	0.588	9.5	65	0.01
95 T	Naphthalene	2.127	2.021	5.0	67	0.01

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.977	0.914	6.4	67	0.01

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