

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120121\
 Data File : VD071096.D
 Acq On : 01 Dec 2021 09:20
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC050

Quant Time: Dec 02 03:12:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 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	94	0.00
2 T	Dichlorodifluoromethane	0.426	0.370	13.1	89	0.00
3 P	Chloromethane	0.564	0.539	4.4	95	0.00
4 C	Vinyl Chloride	0.629	0.612	2.7#	93	0.00
5 T	Bromomethane	0.454	0.429	5.5	94	0.00
6 T	Chloroethane	0.433	0.433	0.0	93	0.00
7 T	Trichlorofluoromethane	0.853	0.830	2.7	92	0.00
8 T	Diethyl Ether	0.231	0.227	1.7	93	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.503	0.493	2.0	92	0.00
10 T	Methyl Iodide	0.509	0.480	5.7	81	0.00
11 T	Tert butyl alcohol	0.065	0.049	24.6	125	-0.02
12 CM	1,1-Dichloroethene	0.464	0.441	5.0#	92	0.00
13 T	Acrolein	0.040	0.038	5.0	106	0.00
14 T	Allyl chloride	0.882	0.838	5.0	88	0.00
15 T	Acrylonitrile	0.112	0.117	-4.5	102	0.00
16 T	Acetone	0.140	0.150	-7.1	104	0.00
17 T	Carbon Disulfide	1.359	1.280	5.8	91	0.00
18 T	Methyl Acetate	0.433	0.436	-0.7	106	0.00
19 T	Methyl tert-butyl Ether	1.138	1.175	-3.3	98	0.00
20 T	Methylene Chloride	0.737	0.531	28.0#	87	0.00
21 T	trans-1,2-Dichloroethene	0.523	0.520	0.6	93	0.00
22 T	Diisopropyl ether	1.766	1.827	-3.5	96	0.00
23 T	Vinyl Acetate	0.837	0.871	-4.1	96	0.00
24 P	1,1-Dichloroethane	1.016	1.026	-1.0	93	0.00
25 T	2-Butanone	0.161	0.165	-2.5	100	0.00
26 T	2,2-Dichloropropane	0.924	0.901	2.5	91	0.00
27 T	cis-1,2-Dichloroethene	0.591	0.593	-0.3	91	0.00
28 T	Bromochloromethane	0.441	0.429	2.7	91	0.00
29 T	Tetrahydrofuran	0.093	0.096	-3.2	106	0.00
30 C	Chloroform	1.020	1.054	-3.3#	95	0.00
31 T	Cyclohexane	0.998	0.907	9.1	90	0.00
32 T	1,1,1-Trichloroethane	0.915	0.929	-1.5	92	0.00
33 S	1,2-Dichloroethane-d4	0.587	0.547	6.8	97	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	92	0.00
35 S	Dibromofluoromethane	0.318	0.318	0.0	95	0.00
36 T	1,1-Dichloropropene	0.467	0.471	-0.9	92	0.00
37 T	Ethyl Acetate	0.202	0.208	-3.0	106	0.00
38 T	Carbon Tetrachloride	0.461	0.481	-4.3	95	0.00
39 T	Methylcyclohexane	0.562	0.552	1.8	90	0.00
40 TM	Benzene	1.269	1.304	-2.8	94	0.00
41 T	Methacrylonitrile	0.119	0.118	0.8	106	0.00
42 TM	1,2-Dichloroethane	0.387	0.406	-4.9	97	0.00
43 T	Isopropyl Acetate	0.398	0.415	-4.3	100	0.00
44 TM	Trichloroethene	0.338	0.344	-1.8	93	0.00
45 C	1,2-Dichloropropane	0.334	0.340	-1.8#	92	0.00
46 T	Dibromomethane	0.173	0.184	-6.4	100	0.00
47 T	Bromodichloromethane	0.458	0.485	-5.9	97	0.00
48 T	Methyl methacrylate	0.198	0.208	-5.1	100	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	101	0.00
50 S	Toluene-d8	1.212	1.140	5.9	92	0.00
51 T	4-Methyl-2-Pentanone	0.200	0.214	-7.0	104	0.00
52 CM	Toluene	0.805	0.839	-4.2#	93	0.00
53 T	t-1,3-Dichloropropene	0.421	0.440	-4.5	94	0.00
54 T	cis-1,3-Dichloropropene	0.500	0.518	-3.6	93	0.00
55 T	1,1,2-Trichloroethane	0.227	0.245	-7.9	102	0.00
56 T	Ethyl methacrylate	0.286	0.299	-4.5	100	0.00
57 T	1,3-Dichloropropane	0.399	0.421	-5.5	97	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.323	-108.4#	212#	0.00
59 T	2-Hexanone	0.147	0.158	-7.5	103	0.00
60 T	Dibromochloromethane	0.282	0.303	-7.4	99	0.00
61 T	1,2-Dibromoethane	0.218	0.224	-2.8	97	0.00
62 S	4-Bromofluorobenzene	0.420	0.407	3.1	94	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	95	0.00
64 T	Tetrachloroethene	0.317	0.311	1.9	92	0.00
65 PM	Chlorobenzene	0.928	0.940	-1.3	94	0.00
66 T	1,1,1,2-Tetrachloroethane	0.339	0.345	-1.8	95	0.00
67 C	Ethyl Benzene	1.746	1.772	-1.5#	93	0.00
68 T	m/p-Xylenes	0.659	0.674	-2.3	94	0.00
69 T	o-Xylene	0.620	0.625	-0.8	93	0.00
70 T	Styrene	1.044	1.072	-2.7	93	0.00
71 P	Bromoform	0.175	0.181	-3.4	100	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	95	0.00
73 T	Isopropylbenzene	3.620	3.728	-3.0	93	0.00
74 T	N-amyl acetate	0.876	0.911	-4.0	100	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.632	-6.0	100	0.00
76 T	1,2,3-Trichloropropane	0.476	0.441	7.4	97	0.00
77 T	Bromobenzene	0.784	0.798	-1.8	94	0.00
78 T	n-propylbenzene	4.509	4.613	-2.3	92	0.00
79 T	2-Chlorotoluene	2.530	2.550	-0.8	92	0.00
80 T	1,3,5-Trimethylbenzene	2.985	3.023	-1.3	91	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.178	1.1	95	0.00
82 T	4-Chlorotoluene	2.627	2.640	-0.5	92	0.00
83 T	tert-Butylbenzene	2.564	2.577	-0.5	91	0.00
84 T	1,2,4-Trimethylbenzene	2.915	2.996	-2.8	92	0.00
85 T	sec-Butylbenzene	3.916	3.973	-1.5	91	0.00
86 T	p-Isopropyltoluene	3.203	3.277	-2.3	91	0.00
87 T	1,3-Dichlorobenzene	1.561	1.589	-1.8	92	0.00
88 T	1,4-Dichlorobenzene	1.547	1.564	-1.1	93	0.00
89 T	n-Butylbenzene	3.127	3.220	-3.0	91	0.00
90 T	Hexachloroethane	0.607	0.627	-3.3	92	0.00
91 T	1,2-Dichlorobenzene	1.328	1.398	-5.3	97	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.100	-3.1	102	0.00
93 T	1,2,4-Trichlorobenzene	0.828	0.850	-2.7	92	0.00
94 T	Hexachlorobutadiene	0.469	0.466	0.6	88	0.00
95 T	Naphthalene	1.460	1.552	-6.3	98	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.703	0.726	-3.3	93	0.00

(#) = Out of Range

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