

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122121\
 Data File : VD071402.D
 Acq On : 21 Dec 2021 09:01
 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 21 19:03:09 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	105	-0.01
2 T	Dichlorodifluoromethane	0.426	0.346	18.8	92	0.00
3 P	Chloromethane	0.564	0.474	16.0	93	0.00
4 C	Vinyl Chloride	0.629	0.584	7.2#	99	0.00
5 T	Bromomethane	0.454	0.419	7.7	103	0.00
6 T	Chloroethane	0.433	0.431	0.5	103	0.00
7 T	Trichlorofluoromethane	0.853	0.887	-4.0	110	0.00
8 T	Diethyl Ether	0.231	0.245	-6.1	112	0.00
9 T	1,1,2-Trichlorotrifluoroeth	0.503	0.536	-6.6	112	0.00
10 T	Methyl Iodide	0.509	0.527	-3.5	99	0.00
11 T	Tert butyl alcohol	0.065	0.035	46.2#	100	0.00
12 CM	1,1-Dichloroethene	0.464	0.464	0.0	108	0.00
13 T	Acrolein	0.040	0.037	7.5	114	0.00
14 T	Allyl chloride	0.882	0.937	-6.2	110	0.00
15 T	Acrylonitrile	0.112	0.126	-12.5	123	0.00
16 T	Acetone	0.140	0.156	-11.4	121	0.00
17 T	Carbon Disulfide	1.359	1.144	15.8	91	0.00
18 T	Methyl Acetate	0.433	0.450	-3.9	122	0.00
19 T	Methyl tert-butyl Ether	1.138	1.264	-11.1	118	0.00
20 T	Methylene Chloride	0.737	0.604	18.0	110	0.00
21 T	trans-1,2-Dichloroethene	0.523	0.530	-1.3	106	0.00
22 T	Diisopropyl ether	1.766	1.991	-12.7	117	0.00
23 T	Vinyl Acetate	0.837	0.940	-12.3	116	0.00
24 P	1,1-Dichloroethane	1.016	1.127	-10.9	114	0.00
25 T	2-Butanone	0.161	0.179	-11.2	122	0.00
26 T	2,2-Dichloropropane	0.924	0.974	-5.4	109	0.00
27 T	cis-1,2-Dichloroethene	0.591	0.641	-8.5	110	0.00
28 T	Bromochloromethane	0.441	0.469	-6.3	111	0.00
29 T	Tetrahydrofuran	0.093	0.102	-9.7	125	0.00
30 C	Chloroform	1.020	1.163	-14.0#	117	0.00
31 T	Cyclohexane	0.998	0.945	5.3	105	0.00
32 T	1,1,1-Trichloroethane	0.915	1.016	-11.0	113	0.00
33 S	1,2-Dichloroethane-d4	0.587	0.568	3.2	112	0.00
34 I	1,4-Difluorobenzene	1.000	1.000	0.0	104	0.00
35 S	Dibromofluoromethane	0.318	0.331	-4.1	113	-0.01
36 T	1,1-Dichloropropene	0.467	0.492	-5.4	109	0.00
37 T	Ethyl Acetate	0.202	0.221	-9.4	127	0.00
38 T	Carbon Tetrachloride	0.461	0.518	-12.4	116	0.00
39 T	Methylcyclohexane	0.562	0.563	-0.2	104	0.00
40 TM	Benzene	1.269	1.383	-9.0	113	0.00
41 T	Methacrylonitrile	0.119	0.148	-24.4	152#	0.00
42 TM	1,2-Dichloroethane	0.387	0.435	-12.4	118	0.00
43 T	Isopropyl Acetate	0.398	0.453	-13.8	123	0.00
44 TM	Trichloroethene	0.338	0.366	-8.3	111	0.00
45 C	1,2-Dichloropropane	0.334	0.379	-13.5#	116	0.00
46 T	Dibromomethane	0.173	0.195	-12.7	120	0.00
47 T	Bromodichloromethane	0.458	0.530	-15.7	120	0.00
48 T	Methyl methacrylate	0.198	0.219	-10.6	120	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
49 T	1,4-Dioxane	0.002	0.002	0.0	126	0.00
50 S	Toluene-d8	1.212	1.131	6.7	103	0.00
51 T	4-Methyl-2-Pentanone	0.200	0.227	-13.5	125	0.00
52 CM	Toluene	0.805	0.881	-9.4#	111	0.00
53 T	t-1,3-Dichloropropene	0.421	0.472	-12.1	114	0.00
54 T	cis-1,3-Dichloropropene	0.500	0.556	-11.2	113	0.00
55 T	1,1,2-Trichloroethane	0.227	0.267	-17.6	126	0.00
56 T	Ethyl methacrylate	0.286	0.322	-12.6	121	0.00
57 T	1,3-Dichloropropane	0.399	0.459	-15.0	119	0.00
58 T	2-Chloroethyl Vinyl ether	0.155	0.160	-3.2	119	0.00
59 T	2-Hexanone	0.147	0.163	-10.9	121	0.00
60 T	Dibromochloromethane	0.282	0.327	-16.0	122	0.00
61 T	1,2-Dibromoethane	0.218	0.245	-12.4	120	0.00
62 S	4-Bromofluorobenzene	0.420	0.437	-4.0	114	0.00
63 I	Chlorobenzene-d5	1.000	1.000	0.0	105	0.00
64 T	Tetrachloroethene	0.317	0.327	-3.2	107	0.00
65 PM	Chlorobenzene	0.928	1.033	-11.3	113	0.00
66 T	1,1,1,2-Tetrachloroethane	0.339	0.397	-17.1	120	0.00
67 C	Ethyl Benzene	1.746	1.960	-12.3#	113	0.00
68 T	m/p-Xylenes	0.659	0.744	-12.9	114	0.00
69 T	o-Xylene	0.620	0.697	-12.4	114	0.00
70 T	Styrene	1.044	1.182	-13.2	113	0.00
71 P	Bromoform	0.175	0.199	-13.7	121	0.00
72 I	1,4-Dichlorobenzene-d4	1.000	1.000	0.0	113	0.00
73 T	Isopropylbenzene	3.620	3.907	-7.9	115	0.00
74 T	N-amyl acetate	0.876	0.908	-3.7	117	0.00
75 P	1,1,2,2-Tetrachloroethane	0.596	0.657	-10.2	123	0.00
76 T	1,2,3-Trichloropropane	0.476	0.448	5.9	116	0.00
77 T	Bromobenzene	0.784	0.833	-6.2	116	0.00
78 T	n-propylbenzene	4.509	4.867	-7.9	115	0.00
79 T	2-Chlorotoluene	2.530	2.651	-4.8	114	0.00
80 T	1,3,5-Trimethylbenzene	2.985	3.213	-7.6	114	0.00
81 T	trans-1,4-Dichloro-2-butene	0.180	0.195	-8.3	123	0.00
82 T	4-Chlorotoluene	2.627	2.798	-6.5	115	0.00
83 T	tert-Butylbenzene	2.564	2.784	-8.6	116	0.00
84 T	1,2,4-Trimethylbenzene	2.915	3.196	-9.6	116	0.00
85 T	sec-Butylbenzene	3.916	4.276	-9.2	116	0.00
86 T	p-Isopropyltoluene	3.203	3.552	-10.9	117	0.00
87 T	1,3-Dichlorobenzene	1.561	1.685	-7.9	115	0.00
88 T	1,4-Dichlorobenzene	1.547	1.662	-7.4	117	0.00
89 T	n-Butylbenzene	3.127	3.455	-10.5	115	0.00
90 T	Hexachloroethane	0.607	0.672	-10.7	116	0.00
91 T	1,2-Dichlorobenzene	1.328	1.421	-7.0	116	0.00
92 T	1,2-Dibromo-3-Chloropropane	0.097	0.103	-6.2	125	0.00
93 T	1,2,4-Trichlorobenzene	0.828	0.865	-4.5	111	0.00
94 T	Hexachlorobutadiene	0.469	0.483	-3.0	108	0.00
95 T	Naphthalene	1.460	1.553	-6.4	116	0.00

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	Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
96 T	1,2,3-Trichlorobenzene	0.703	0.737	-4.8	112	0.00

(#) = Out of Range

SPCC's out = 0 CCC's out = 5